

LAYER LINETYPE LEGEND

	EXISTING	PROPOSED
PHASE LINE	---	---
MATCH LINE	---	---
SECTION LINE	---	---
BOUNDARY LINE	---	---
PROPERTY LINE	---	---
EASEMENT LINE	---	---
RIGHT OF WAY	---	---
R.O.W. A LINE	---	---
CENTERLINE	---	---
CITY LIMITS	---	---
WIRE FENCE	---	---
CHAIN LINK FENCE	---	---
WOOD FENCE	---	---
MASONRY FENCE	---	---
GUARDRAIL	---	---
CONC. BARRIER	---	---
CABLE TV	---	---
ELECTRIC	---	---
FIBER OPTIC	---	---
GAS MAIN	---	---
IRRIGATION MAIN	---	---
OIL/PETRO. MAIN	---	---
OVERHEAD UTILITY	---	---
SANITARY SEWER	---	---
STORM DRAIN	---	---
TELEPHONE	---	---
WATER MAIN	---	---
RAW WATER LINE	---	---
SWALE/WATERWAY FLOWLINE	---	---
DIVERSION DITCH	---	---
DIVERSION CHANNEL	---	---
MAJOR DRAINAGE BASIN	---	---
MINOR DRAINAGE BASIN	---	---
TOP OF SLOPE	---	---
TOE OF SLOPE	---	---
EDGE OF WATER	---	---
INDEX CONTOUR	---	---
INTERMEDIATE CONTOUR	---	---
DEPRESSION CONT. (INDEX)	---	---
DEPRESSION CONT. (INTER)	---	---
TOP OF CUTS	---	---
TOE OF FILLS	---	---
CUT AND FILL LINE	---	---
SILT FENCE	---	---
100 YEAR FLOODPLAIN	---	---
500 YEAR FLOODPLAIN	---	---
FLOODWAY	---	---
BASE FLOOD ELEVATION	---	---
EDGE OF WETLANDS	---	---
STONE WALL	---	---

UTILITIES LEGEND

	EXISTING	PROPOSED
STORM SEWER		
MANHOLE	⊙	●
STORM INLET	■	■
AREA INLET - SQUARE	□	□
AREA INLET - ROUND	○	○
FLARED END SECTION	▷	▷
RIPRAP	▨	▨
SANITARY SEWER		
LINE MARKER	Mkr San ^o	
SERVICE MARKER	△	△
CLEAN-OUT	○	○
MANHOLE W/ DIRECTIONAL FLOW ARROW	⊙	⊙
WATER LINE		
LINE MARKER	Mkr W ^o	
SERVICE MARKER	△	△
FIRE HYDRANT	⊙	⊙
FIRE CONNECTION	⊙	⊙
MANHOLE	⊙	●
BEND	⊙	⊙
BLOW-OFF VALVE	⊙	⊙
WELL	⊙	⊙
METER	⊙	⊙
VALVE	⊙	⊙
REDUCER	⊙	⊙
THRUST BLOCK	⊙	⊙
CROSS	⊙	⊙
PLUG W/ THRUST BLOCK	⊙	⊙
TEE	⊙	⊙
REVERSE ANCHOR	⊙	⊙
ANODE	⊙	⊙
AIR & VACUUM VALVE ASSEMBLY	⊙	⊙
TRANSMISSION BLOW-OFF ASSEMBLY	⊙	⊙
GAS LINE		
MARKER	Mkr G ^o	
SERVICE MARKER	△	△
METER	⊙	⊙
VALVE	⊙	⊙
PLUG	⊙	⊙
TEE	⊙	⊙
DRY UTILITIES		
CABLE TV MARKER	Mkr TV ^o	
CABLE TELEVISION PEDESTAL	⊙	⊙
ELECTRIC MARKER	Mkr E ^o	
ELECTRIC SERVICE MARKER	△	△
ELECTRICAL PEDESTAL	⊙	⊙
ELECTRICAL METER	⊙	⊙
ELECTRICAL MANHOLE	⊙	⊙
FIBER-OPTIC MARKER	Mkr FO ^o	
IRRIGATION PEDESTAL	⊙	⊙
TELEPHONE MARKER	Mkr T ^o	
TELEPHONE PEDESTAL	⊙	⊙
TELEPHONE MANHOLE	⊙	⊙
UTILITY POLE	⊙	⊙
GUY ANCHOR	⊙	⊙
GUY POLE	⊙	⊙
MISC. UTILITIES		
VENT PIPE	⊙	⊙
TEST HOLE DESIGNATOR	⊙	⊙

STORM WATER MANAGEMENT

KEY	SYMBOL
CONSTRUCTION ROAD STABILIZATION	(CRS)
CURB SOCK INLET PROTECTION	(CS)
CONCRETE WASHOUT AREA	(CWA)
DIVERSION DITCH AND DIKE, TEMPORARY	(DD)
DIVERSION CHANNEL, TEMPORARY	(DV)
DEWATERING	(DW)
MULCHING	(MU)
PAVED FLUME	(PF)
REINFORCED CONCRETE DAM	(RCD)
ROUGH CUT STREET CONTROL	(RCS)
SEDIMENT BASIN	(SB)
SEDIMENT CONTROL LOG	(SCL)
SURFACE ROUGHENING	(SR)
SEDIMENT TRAP	(ST)
TERRACING	(TER)
TEMPORARY STREAM CROSSING CULVERT/BRIDGE	(TSC C)
TEMPORARY STREAM CROSSING FORD TYPE	(TSC F)
TEMPORARY SLOPE DRAIN	(TSD)
VEHICLE TRACKING CONTROL WITH WASH RACK	(WR)

LEGEND

STRAW BALE BARRIER	(STB)
CHECK DAM	(CD)
CONSTRUCTION FENCE	(CF)
CONCRETE WASHOUT AREA	(CWA)
INLET PROTECTION	(IP)
LIMITS OF CONSTRUCTION/ DISTURBANCE	(LOC)
OUTLET PROTECTION	(OP)
PERMANENT SEEDING & MULCHING	(PS MU)
SEDIMENT BASIN	(SB)
SILT FENCE	(SF)
STABILIZED STAGING AREA	(SSA)
TEMPORARY STOCK PILE	(TSP)
TEMPORARY SWALE	(TSW)
VEHICLE TRACKING CONTROL	(VTC)
EROSION CONTROL BLANKET	(ECB)
TURF REINFORCEMENT MAT	(TRM)
ROUGH CUT STREET CONTROL	(RCS)
SEDIMENT CONTROL LOG (WATTLE)	(SCL)
CUT AND FILL LINE	--- C/F ---
PROPOSED DRAINAGE ARROW	→
EXISTING DRAINAGE ARROW	⇒

GRADING AND EROSION CONTROL STANDARD NOTES

- STORMWATER DISCHARGES FROM CONSTRUCTION SITES SHALL NOT CAUSE OR THREATEN TO CAUSE POLLUTION, CONTAMINATION, OR DEGRADATION OF STATE WATERS. ALL WORK AND EARTH DISTURBANCE SHALL BE DONE IN A MANNER THAT MINIMIZES POLLUTION OF ANY ON-SITE OR OFF-SITE WATERS, INCLUDING WETLANDS.
- NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING.
- A SEPARATE STORMWATER MANAGEMENT PLAN (SMWP) FOR THIS PROJECT SHALL BE COMPLETED AND AN EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP) ISSUED PRIOR TO COMMENCING CONSTRUCTION. MANAGEMENT OF THE SWMP DURING CONSTRUCTION IS THE RESPONSIBILITY OF THE DESIGNATED QUALIFIED STORMWATER MANAGER OR CERTIFIED EROSION CONTROL INSPECTOR. THE SWMP SHALL BE LOCATED ON SITE AT ALL TIMES DURING CONSTRUCTION AND SHALL BE KEPT UP TO DATE WITH WORK PROGRESS AND CHANGES IN THE FIELD.
- ONCE THE ESQCP IS APPROVED AND A "NOTICE TO PROCEED" HAS BEEN ISSUED, THE CONTRACTOR MAY INSTALL THE INITIAL STAGE EROSION AND SEDIMENT CONTROL MEASURES AS INDICATED ON THE APPROVED GEC. A PRECONSTRUCTION MEETING BETWEEN THE CONTRACTOR, ENGINEER, AND EL PASO COUNTY WILL BE HELD PRIOR TO ANY CONSTRUCTION. IT IS THE RESPONSIBILITY OF THE APPLICANT TO COORDINATE THE MEETING TIME AND PLACE WITH COUNTY STAFF.
- CONTROL MEASURES MUST BE INSTALLED PRIOR TO COMMENCEMENT OF ACTIVITIES THAT COULD CONTRIBUTE POLLUTANTS TO STORMWATER. CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, AND DISTURBED LAND AREAS SHALL BE INSTALLED IMMEDIATELY UPON COMPLETION OF THE DISTURBANCE.
- ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REMAIN IN EFFECTIVE OPERATING CONDITION UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED AND FINAL STABILIZATION IS ESTABLISHED. ALL PERSONS ENGAGED IN LAND DISTURBANCE ACTIVITIES SHALL ASSESS THE ADEQUACY OF CONTROL MEASURES AT THE SITE AND IDENTIFY IF CHANGES TO THOSE CONTROL MEASURES ARE NEEDED TO ENSURE THE CONTINUED EFFECTIVE PERFORMANCE OF THE CONTROL MEASURES. ALL CHANGES TO TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES MUST BE INCORPORATED INTO THE STORMWATER MANAGEMENT PLAN.
- TEMPORARY STABILIZATION SHALL BE IMPLEMENTED ON DISTURBED AREAS AND STOCKPILES WHERE GROUND DISTURBING CONSTRUCTION ACTIVITY HAS PERMANENTLY CEASED OR TEMPORARILY CEASED FOR LONGER THAN 14 DAYS.
- FINAL STABILIZATION MUST BE IMPLEMENTED AT ALL APPLICABLE CONSTRUCTION SITES. FINAL STABILIZATION IS ACHIEVED WHEN ALL GROUND DISTURBING ACTIVITIES ARE COMPLETE, AND ALL DISTURBED AREAS EITHER HAVE A UNIFORM VEGETATIVE COVER WITH INDIVIDUAL PLANT DENSITY OF 70 PERCENT OF PRE-DISTURBANCE LEVELS ESTABLISHED OR EQUIVALENT PERMANENT ALTERNATIVE STABILIZATION METHOD IS IMPLEMENTED. ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES SHALL BE REMOVED UPON FINAL STABILIZATION AND BEFORE PERMIT CLOSURE.
- ALL PERMANENT STORMWATER MANAGEMENT FACILITIES SHALL BE INSTALLED AS DESIGNED IN THE APPROVED PLANS. ANY PROPOSED CHANGES THAT AFFECT THE DESIGN OR FUNCTION OF PERMANENT STORMWATER MANAGEMENT STRUCTURES MUST BE APPROVED BY THE EGM ADMINISTRATOR PRIOR TO IMPLEMENTATION.
- EARTH DISTURBANCES SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO EFFECTIVELY MINIMIZE ACCELERATED SOIL EROSION AND RESULTING SEDIMENTATION. ALL DISTURBANCE SHALL BE DESIGNED, CONSTRUCTED, AND COMPLETED SO THAT THE EXPOSED AREA OF ANY DISTURBED LAND SHALL BE LIMITED TO THE SHORTEST PRACTICAL PERIOD OF TIME. PRE-EXISTING VEGETATION SHALL BE PROTECTED AND MAINTAINED WITHIN 50 HORIZONTAL FEET OF A WATERS OF THE STATE UNLESS SHOWN TO BE INFEASIBLE AND SPECIFICALLY REQUESTED AND APPROVED.
- COMPACTION OF SOIL MUST BE PREVENTED IN AREAS DESIGNATED FOR INFILTRATION CONTROL MEASURES OR WHERE FINAL STABILIZATION WILL BE ACHIEVED BY VEGETATIVE COVER. AREAS DESIGNATED FOR INFILTRATION CONTROL MEASURES SHALL ALSO BE PROTECTED FROM SEDIMENTATION DURING CONSTRUCTION UNTIL FINAL STABILIZATION IS ACHIEVED. IF COMPACTION PREVENTION IS NOT FEASIBLE DUE TO SITE CONSTRAINTS, ALL AREAS DESIGNATED FOR INFILTRATION AND VEGETATION CONTROL MEASURES MUST BE LOOSENEED PRIOR TO INSTALLATION OF THE CONTROL MEASURE(S).
- ANY TEMPORARY OR PERMANENT FACILITY DESIGNED AND CONSTRUCTED FOR THE CONVEYANCE OF STORMWATER AROUND, THROUGH, OR FROM THE EARTH DISTURBANCE AREA SHALL BE A STABILIZED CONVEYANCE DESIGNED TO MINIMIZE EROSION AND THE DISCHARGE OF SEDIMENT OFF SITE.
- CONCRETE WASH WATER SHALL BE CONTAINED AND DISPOSED OF IN ACCORDANCE WITH THE SWMP. NO WASH WATER SHALL BE DISCHARGED TO OR ALLOWED TO ENTER STATE WATERS, INCLUDING ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR FACILITIES. CONCRETE WASHOUTS SHALL NOT BE LOCATED IN AN AREA WHERE SHALLOW GROUNDWATER MAY BE PRESENT, OR WITHIN 50 FEET OF A SURFACE WATER BODY, CREEK OR STREAM.
- DURING DEWATERING OPERATIONS OF UNCONTAMINATED GROUND WATER MAY BE DISCHARGED ON SITE, BUT SHALL NOT LEAVE THE SITE IN THE FORM OF SURFACE RUNOFF UNLESS AN APPROVED STATE DEWATERING PERMIT IS IN PLACE.
- EROSION CONTROL BLANKETING OR OTHER PROTECTIVE COVERING SHALL BE USED ON SLOPES STEEPER THAN 3:1.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL WASTES FROM THE CONSTRUCTION SITE FOR DISPOSAL IN ACCORDANCE WITH LOCAL AND STATE REGULATORY REQUIREMENTS. NO CONSTRUCTION DEBRIS, TREE SLASH, BUILDING MATERIAL WASTES OR UNUSED BUILDING MATERIALS SHALL BE BURIED, DUMPED, OR DISCHARGED AT THE SITE.
- WASTE MATERIALS SHALL NOT BE TEMPORARILY PLACED OR STORED IN THE STREET, ALLEY, OR OTHER PUBLIC WAY, UNLESS IN ACCORDANCE WITH AN APPROVED TRAFFIC CONTROL PLAN. CONTROL MEASURES MAY BE REQUIRED BY EL PASO COUNTY ENGINEERING IF DEEMED NECESSARY, BASED ON SPECIFIC CONDITIONS AND CIRCUMSTANCES.
- TRACKING OF SOILS AND CONSTRUCTION DEBRIS OFF-SITE SHALL BE MINIMIZED. MATERIALS TRACKED OFF-SITE SHALL BE CLEANED UP AND PROPERLY DISPOSED OF IMMEDIATELY.
- THE OWNER/DEVELOPER SHALL BE RESPONSIBLE FOR THE REMOVAL OF ALL CONSTRUCTION DEBRIS, DIRT, TRASH, ROCK, SEDIMENT, SOIL, AND SAND THAT MAY ACCUMULATE IN ROADS, STORM DRAINS AND OTHER DRAINAGE CONVEYANCE SYSTEMS AND STORMWATER APPURTENANCES AS A RESULT OF SITE DEVELOPMENT.
- THE QUANTITY OF MATERIALS STORED ON THE PROJECT SITE SHALL BE LIMITED, AS MUCH AS PRACTICAL, TO THAT QUANTITY REQUIRED TO PERFORM THE WORK IN AN ORDERLY SEQUENCE. ALL MATERIALS STORED ON-SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER, IN THEIR ORIGINAL CONTAINERS, WITH ORIGINAL MANUFACTURER'S LABELS.
- NO CHEMICAL(S) HAVING THE POTENTIAL TO BE RELEASED IN STORMWATER ARE TO BE STORED OR USED ONSITE UNLESS PERMISSION FOR THE USE OF SUCH CHEMICAL(S) IS GRANTED IN WRITING BY THE EGM ADMINISTRATOR. IN GRANTING APPROVAL FOR THE USE OF SUCH CHEMICAL(S), SPECIAL CONDITIONS AND MONITORING MAY BE REQUIRED.
- BULK STORAGE OF ALLOWED PETROLEUM PRODUCTS OR OTHER ALLOWED LIQUID CHEMICALS IN EXCESS OF 55 GALLONS SHALL REQUIRE ADEQUATE SECONDARY CONTAINMENT PROTECTION TO CONTAIN ALL SPILLS ONSITE AND TO PREVENT ANY SPILLED MATERIALS FROM ENTERING STATE WATERS, ANY SURFACE OR SUBSURFACE STORM DRAINAGE SYSTEM OR OTHER FACILITIES.
- NO PERSON SHALL CAUSE THE IMPEDIMENT OF STORMWATER FLOW IN THE CURB AND GUTTER OR DITCH EXCEPT WITH APPROVED SEDIMENT CONTROL MEASURES.
- OWNER/DEVELOPER AND THEIR AGENTS SHALL COMPLY WITH THE "COLORADO WATER QUALITY CONTROL ACT" (TITLE 25, ARTICLE 8, CRS), AND THE "CLEAN WATER ACT" (33 USC 1344), IN ADDITION TO THE REQUIREMENTS OF THE LAND DEVELOPMENT CODE, DOM VOLUME II AND THE EGM APPENDIX I. ALL APPROPRIATE PERMITS MUST BE OBTAINED BY THE CONTRACTOR PRIOR TO CONSTRUCTION (1041, NPDES, FLOODPLAIN, 404, FUGITIVE DUST, ETC.). IN THE EVENT OF CONFLICTS BETWEEN THESE REQUIREMENTS AND OTHER LAWS, RULES, OR REGULATIONS OF OTHER FEDERAL, STATE, LOCAL, OR COUNTY AGENCIES, THE MOST RESTRICTIVE LAWS, RULES, OR REGULATIONS SHALL APPLY.
- ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE ONLY AT APPROVED CONSTRUCTION ACCESS POINTS.
- PRIOR TO CONSTRUCTION THE PERMITTEE SHALL VERIFY THE LOCATION OF EXISTING UTILITIES.
- A WATER SOURCE SHALL BE AVAILABLE ON SITE DURING EARTHWORK OPERATIONS AND SHALL BE UTILIZED AS REQUIRED TO MINIMIZE DUST FROM EARTHWORK EQUIPMENT AND WIND.
- THE SOILS REPORT FOR THIS SITE HAS BEEN PREPARED BY ENTECH ENGINEERING, INC. (DATED 04/07/2020) AND SHALL BE CONSIDERED A PART OF THESE PLANS.
- AT LEAST TEN (10) DAYS PRIOR TO THE ANTICIPATED START OF CONSTRUCTION, FOR PROJECTS THAT WILL DISTURB ONE (1) ACRE OR MORE, THE OWNER OR OPERATOR OF CONSTRUCTION ACTIVITY SHALL SUBMIT A PERMIT APPLICATION FOR STORMWATER DISCHARGE TO THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT, WATER QUALITY DIVISION. THE APPLICATION CONTAINS CERTIFICATION OF COMPLETION OF A STORMWATER MANAGEMENT PLAN (SWMP), OF WHICH THIS GRADING AND EROSION CONTROL PLAN MAY BE A PART. FOR INFORMATION OR APPLICATION MATERIALS CONTACT:

811

Know what's below.
Call before you dig.

ENGINEER'S STATEMENT

PREPARED UNDER MY DIRECT SUPERVISION AND ON BEHALF OF JR ENGINEERING

25043

DATE

06/17/2022

BRYAN T. LAW, P.E.

COLORADO P.E. 25043

FOR AND ON BEHALF OF JR ENGINEERING, LLC

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE AGENCIES, OR ENGINEERING APPROVES THEIR USE. THESE DRAWINGS ARE DESIGNATED BY WRITTEN AUTHORIZATION.

PREPARED FOR
BRUM, LLC
101 N. CASCADE, SUITE 200
COLORADO SPRINGS, CO 80903
ATTN: BOB IRWIN
P~(719)-475-7474

J.R. ENGINEERING

A Westman Company

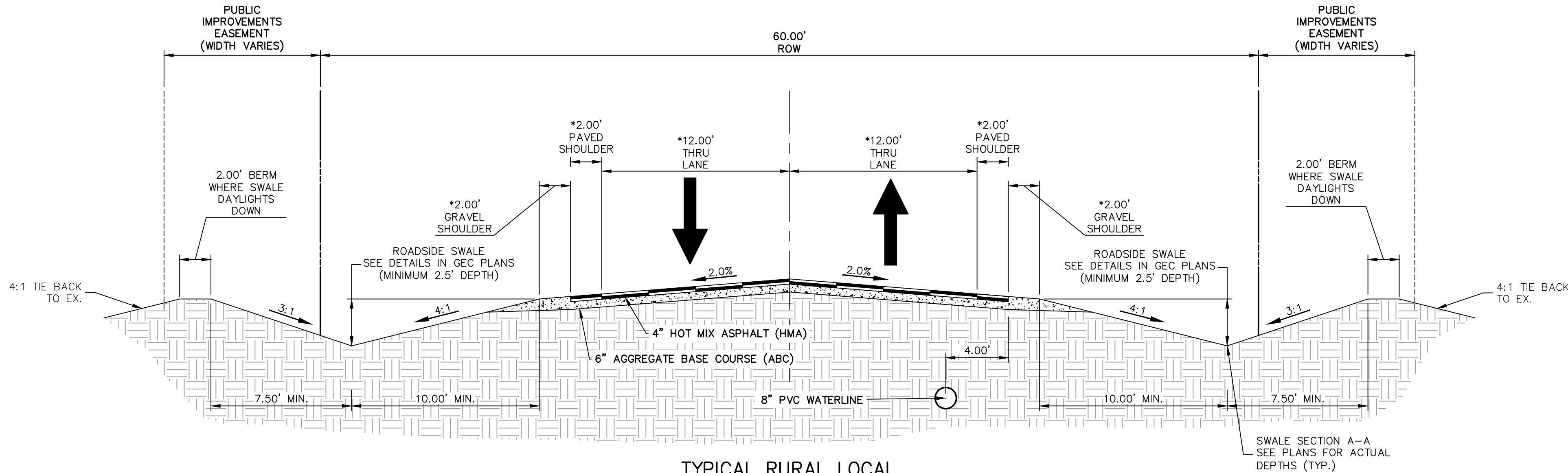
Central 303-740-9383 • Colorado Springs 719-583-2583
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LATIGO PRESERVE FILING 9

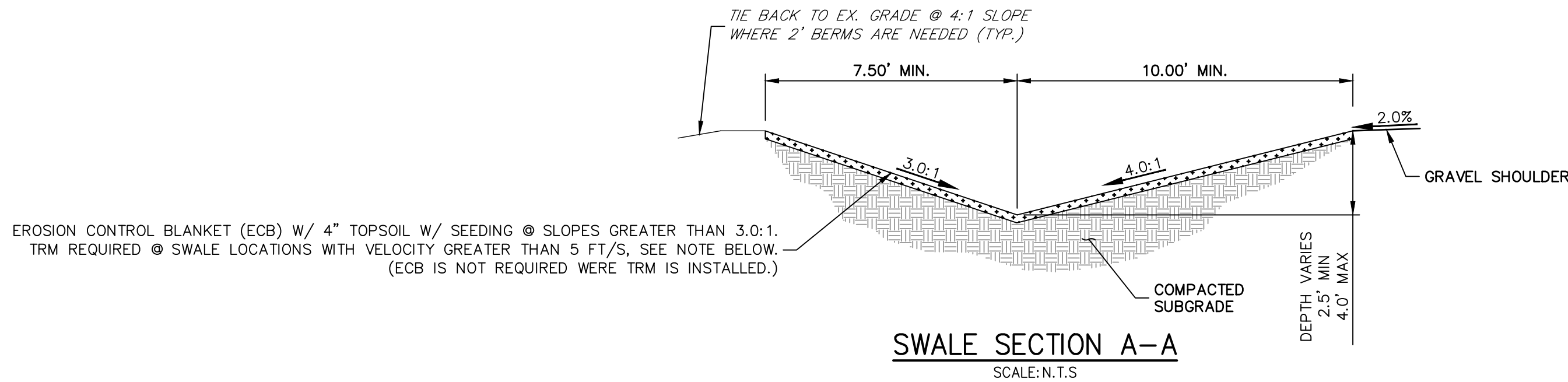
LEGEND

SHEET 2 OF 11

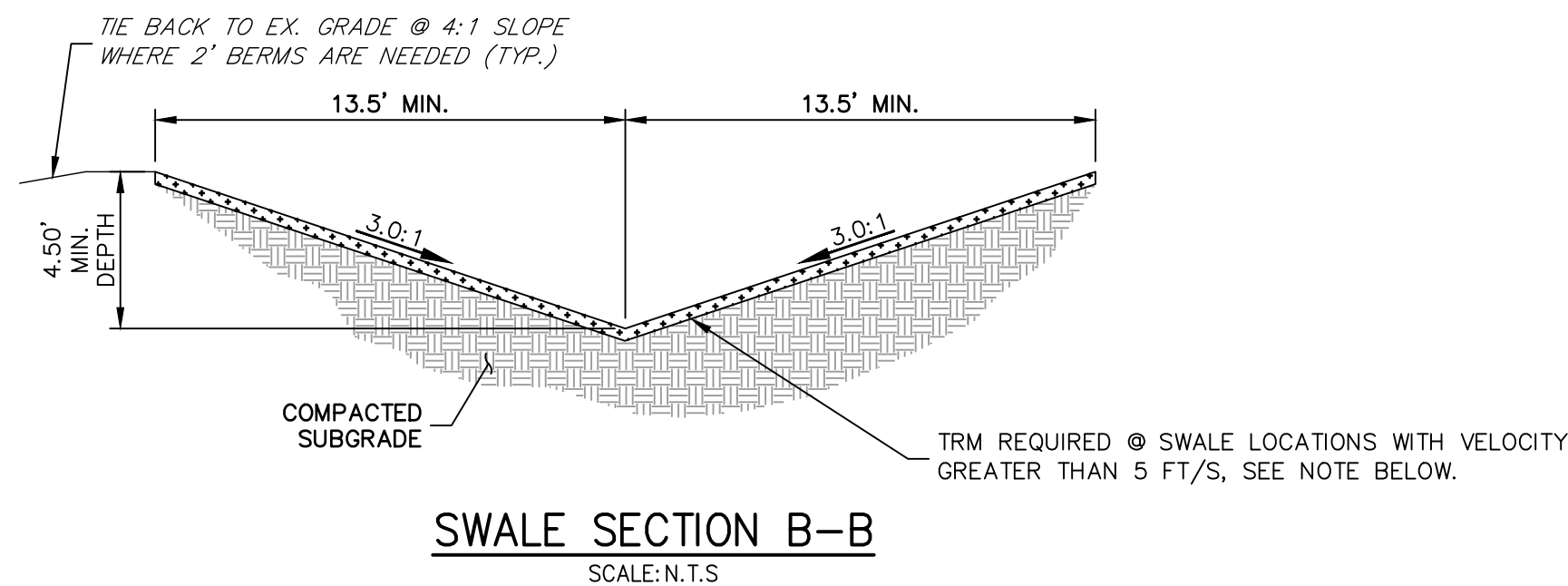
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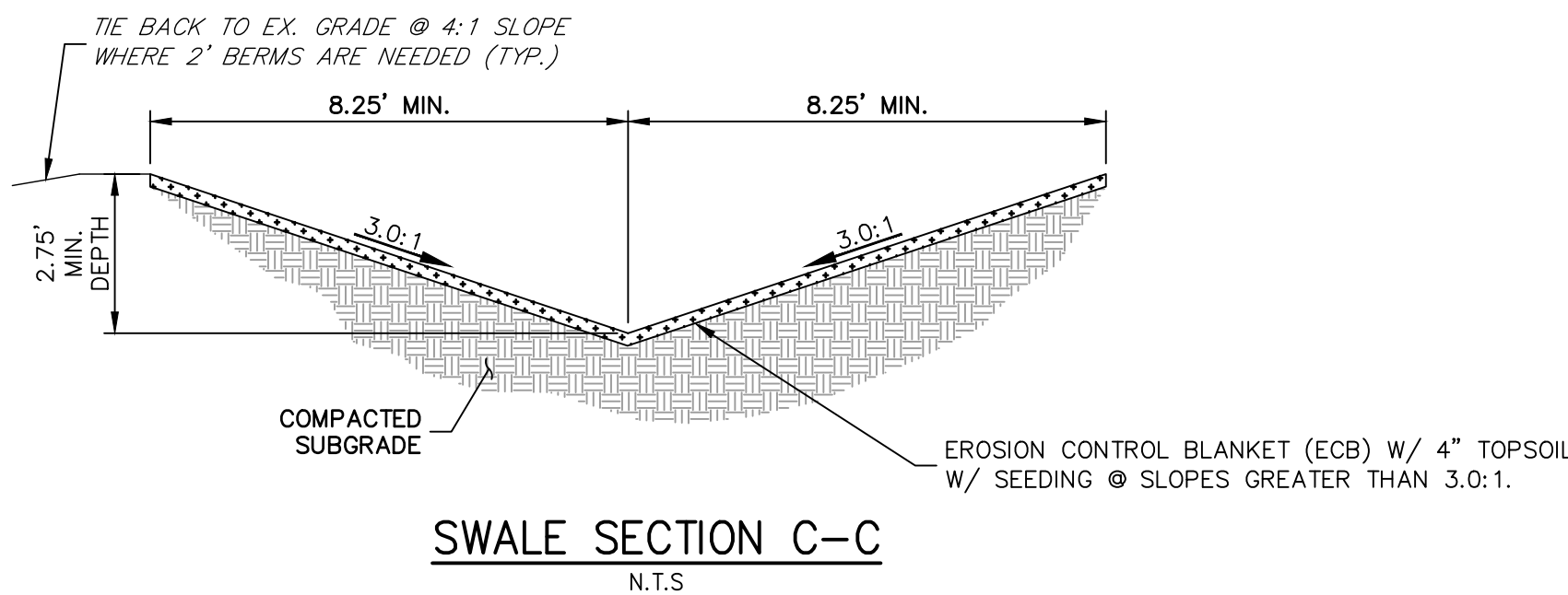
TYPICAL RURAL LOCAL
POSTED SPEED LIMIT = 30 MPH, DESIGN SPEED LIMIT = 30 MPH
CONESTOGA TRAIL, HORSE CANYON TRAIL, BUFFALO RIVER TRAIL
SCALE: 1" = 5'
* = DISTANCE VARIES AFTER STATION 55+00 ON CONESTOGA TRAIL



SWALE SECTION A-A
SCALE: N.T.S.
SC250 VMAX (OR APPROVED EQUIVALENT) PERMANENT TURF REINFORCEMENT MAT (TRM) IS REQUIRED TO BE INSTALLED IN NORTHERN ROAD SIDE SWALE OF CONESTOGA TRAIL SOUTH, CENTERLINE STATION 31+75 - 58+64.92 AND CENTERLINE STATION 58+64.92 - START OF EAST SWALE SECTION B-B. (SEE GEC PLAN FOR LOCATION, TO BE INSTALLED UP TO WETTED SURFACE)





SWALE SECTION B-B
SCALE: N.T.S.
SC250 VMAX PERMANENT TURF REINFORCEMENT MAT (TRM) IS REQUIRED FOR ALL OF SWALE SECTION B-B. (SEE GEC PLAN FOR LOCATION, TO BE INSTALLED UP TO WETTED SURFACE)

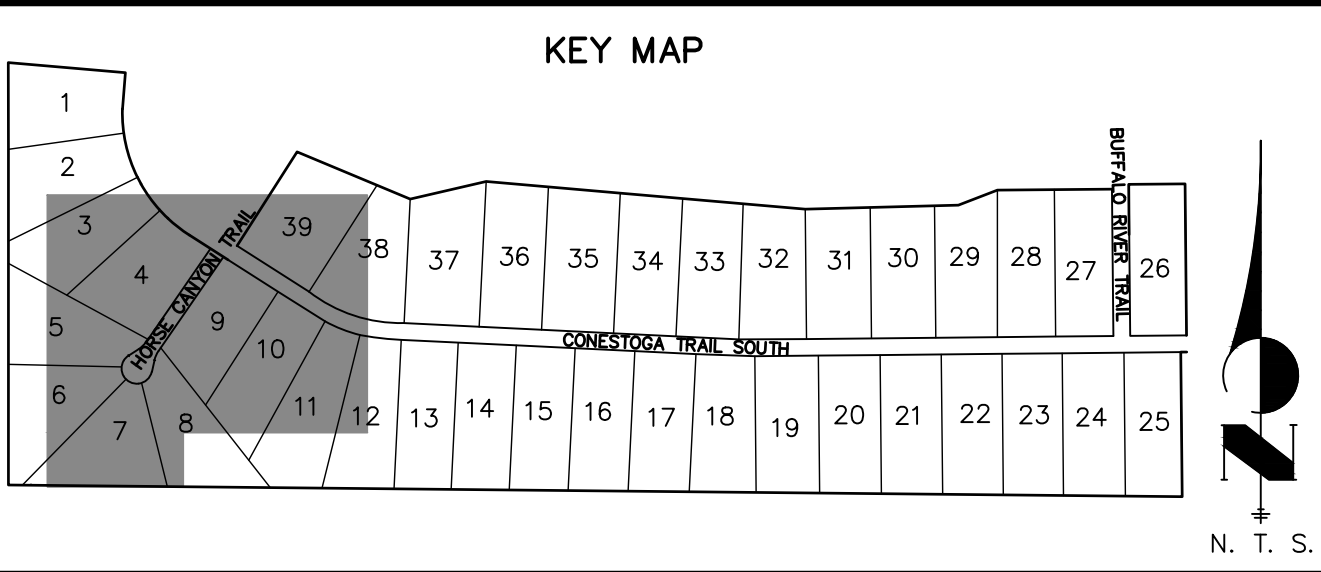
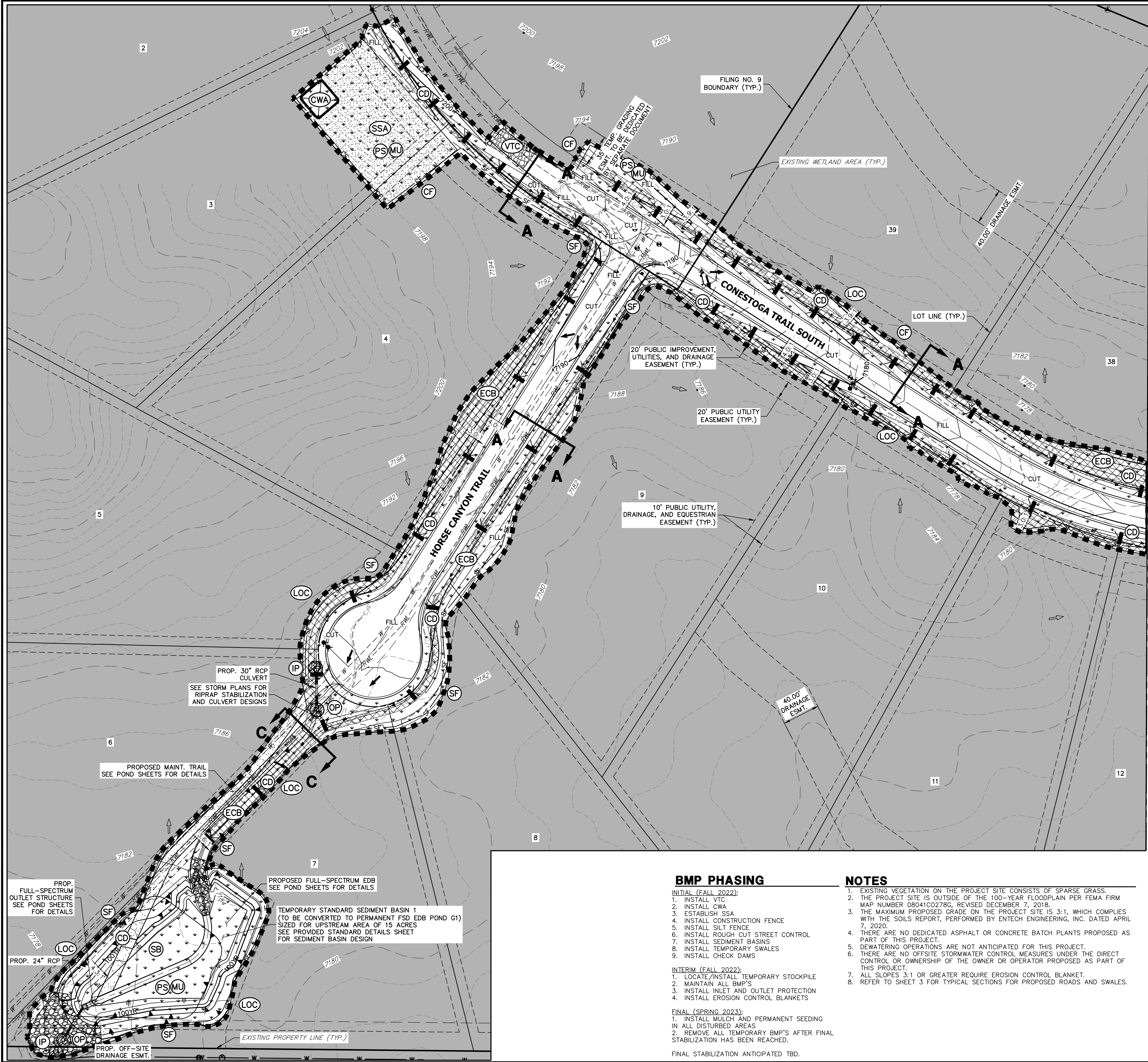


SWALE SECTION C-C
N.T.S.



ENGINEER'S STATEMENT	
PREPARED UNDER MY DIRECT SUPERVISION AND ON BEHALF OF JR ENGINEERING	
	25043
DATE 06/17/2022	
BRYAN T. LAW, P.E. COLORADO P.E. 25043 FOR AND ON BEHALF OF JR ENGINEERING, LLC	

LATIGO PRESERVE FILING 9		H-SCALE		1"=5'		No.		REVISION		BY		DATE	
SHEET 3 OF 11		V-SCALE		1"=5'									
TYPICAL SECTIONS		DATE		06/16/22									
		DESIGNED BY		APL									
		DRAWN BY		RWK									
		CHECKED BY											
J-R ENGINEERING A Western Company												PREPARED FOR	
												BRJM, LLC	
CENTRAL 303-740-9383 • COLORADO SPRINGS 719-595-2938 FORT COLLINS 970-491-8688 • www.jrengineering.com												101 N. CASCADE, SUITE 200 COLORADO SPRINGS, CO 80903	
												ATTN: BOB IRWIN	
												P~(719)-475-7474	
												UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, THE USER ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.	



LEGEND

STRAW BALE BARRIER	(STB)	
CHECK DAM	(CD)	
CONSTRUCTION FENCE	(CF)	
CONCRETE WASHOUT AREA	(CWA)	
INLET PROTECTION	(IP)	
LIMITS OF CONSTRUCTION/DISTURBANCE	(LOC)	
OUTLET PROTECTION	(OP)	
PERMANENT SEEDING & MULCHING	(PS MU)	
SEDIMENT BASIN	(SB)	
SILT FENCE	(SF)	
STABILIZED STAGING AREA	(SSA)	
TEMPORARY STOCK PILE	(TSP)	
TEMPORARY SWALE	(TSW)	
VEHICLE TRACKING CONTROL	(VTC)	
EROSION CONTROL BLANKET	(ECB)	
TURF REINFORCEMENT MAT	(TRM)	
ROUGH CUT STREET CONTROL	(RCS)	
SEDIMENT CONTROL LOG (WATTLE)	(SCL)	
CUT AND FILL LINE		
PROPOSED DRAINAGE ARROW		
EXISTING DRAINAGE ARROW		

BMP PHASING

INITIAL (FALL 2022):

1. INSTALL VTC
2. INSTALL CWA
3. ESTABLISH SSA
4. INSTALL CONSTRUCTION FENCE
5. INSTALL SILT FENCE
6. INSTALL ROUGH CUT STREET CONTROL
7. INSTALL SEDIMENT BASINS
8. INSTALL TEMPORARY SWALES
9. INSTALL CHECK DAMS

INTERIM (FALL 2022):

1. LOCATE/INSTALL TEMPORARY STOCKPILE
2. MAINTAIN ALL BMP'S
3. INSTALL INLET AND OUTLET PROTECTION
4. INSTALL EROSION CONTROL BLANKETS

FINAL (SPRING 2023):

1. INSTALL MULCH AND PERMANENT SEEDING IN ALL DISTURBED AREAS
2. REMOVE ALL TEMPORARY BMP'S AFTER FINAL STABILIZATION HAS BEEN REACHED.

FINAL STABILIZATION ANTICIPATED TBD.

NOTES

1. EXISTING VEGETATION ON THE PROJECT SITE CONSISTS OF SPARSE GRASS.
2. THE PROJECT SITE IS OUTSIDE OF THE 100-YEAR FLOODPLAIN PER FEMA FIRM MAP NUMBER 08041C0278G, REVISED DECEMBER 7, 2018.
3. THE MAXIMUM PROPOSED GRADE ON THE PROJECT SITE IS 3:1, WHICH COMPLIES WITH THE SOILS REPORT, PERFORMED BY ENTECH ENGINEERING, INC. DATED APRIL 7, 2020.
4. THERE ARE NO DEDICATED ASPHALT OR CONCRETE BATCH PLANTS PROPOSED AS PART OF THIS PROJECT.
5. DEWATERING OPERATIONS ARE NOT ANTICIPATED FOR THIS PROJECT.
6. THERE ARE NO OFFSITE STORMWATER CONTROL MEASURES UNDER THE DIRECT CONTROL OR OWNERSHIP OF THE OWNER OR OPERATOR PROPOSED AS PART OF THIS PROJECT.
7. ALL SLOPES 3:1 OR GREATER REQUIRE EROSION CONTROL BLANKET.
8. REFER TO SHEET 3 FOR TYPICAL SECTIONS FOR PROPOSED ROADS AND SWALES.



50 25 0 50
ORIGINAL SCALE: 1" = 50'

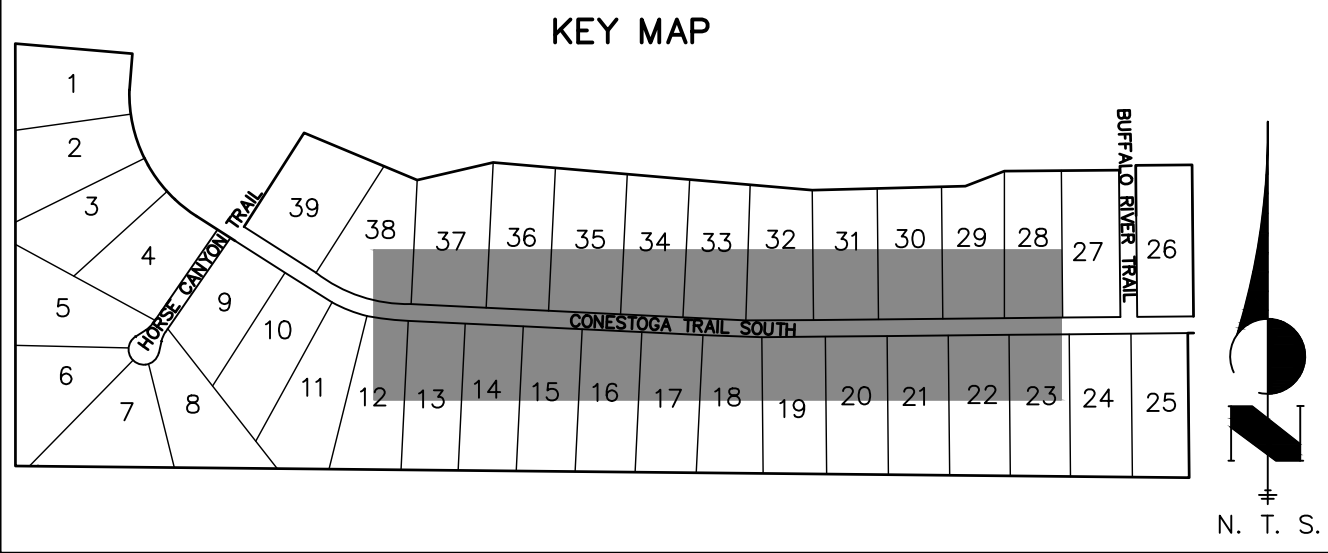
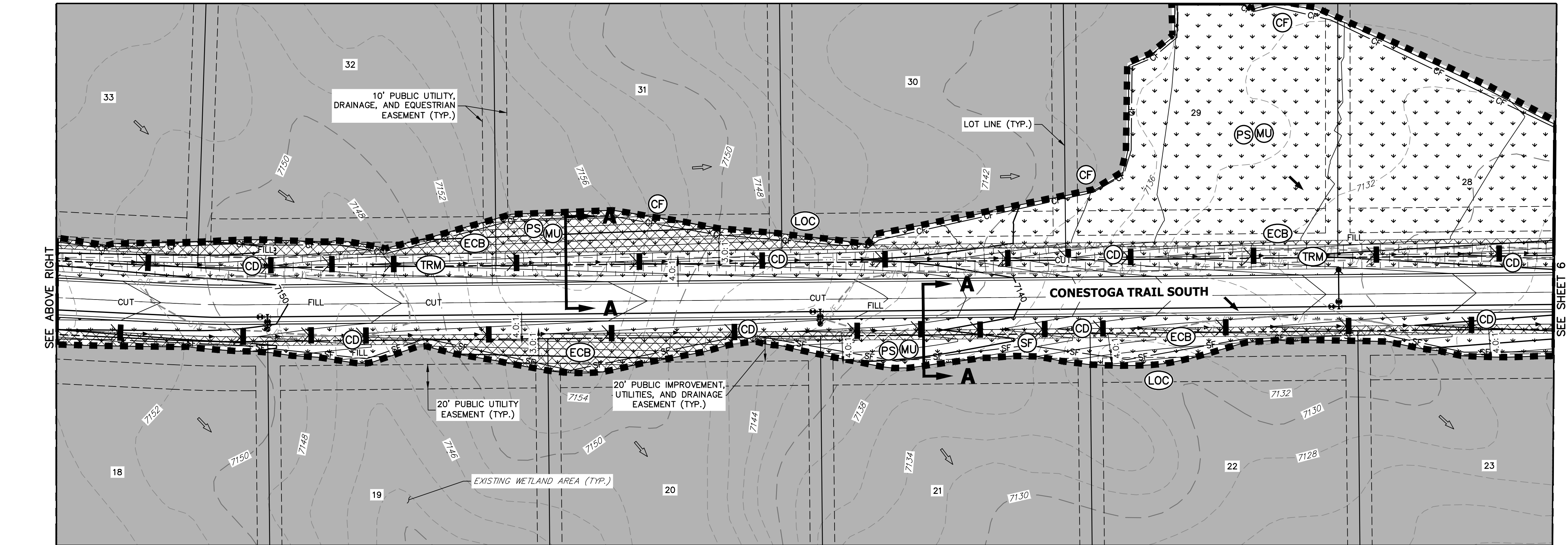
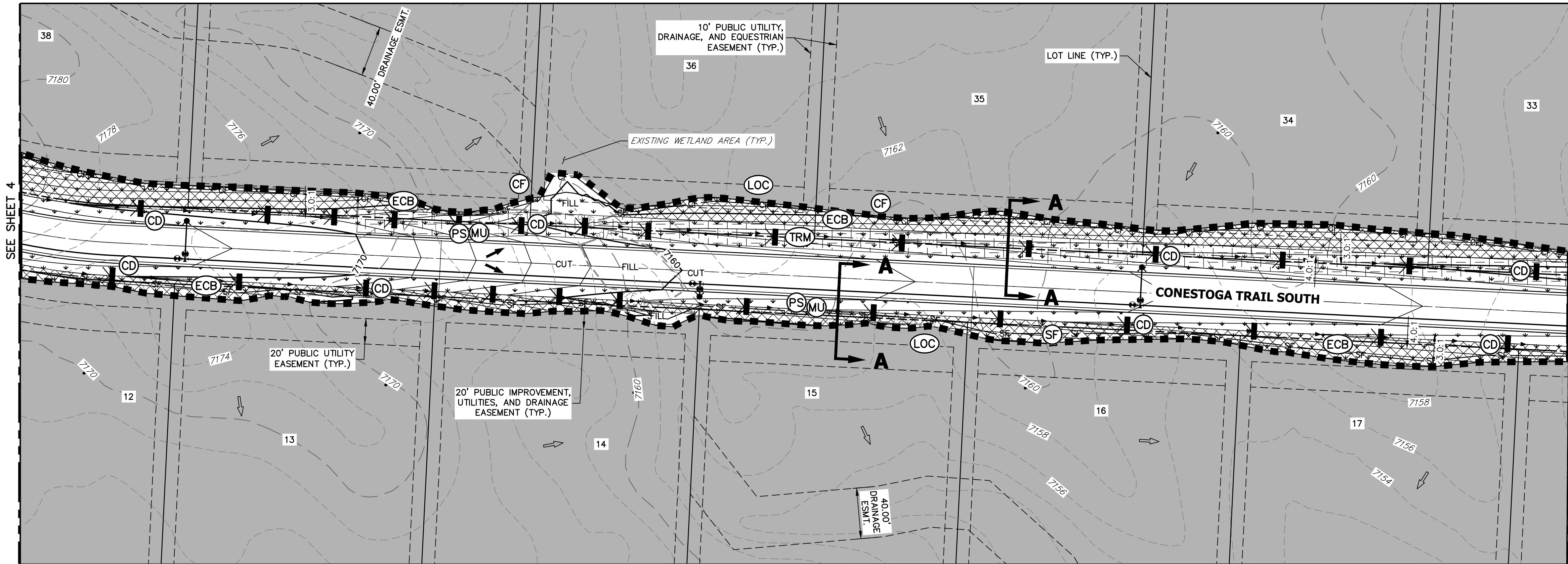
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PREPARED FOR
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ATTN: BOB IRWIN
P~(719)-475-7474

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A Western Company

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Fort Collins 970-491-9888 • www.jrengineering.com

LATIGO PRESERVE FILING 9	BY	DATE							
	No.	REVISION							
	H-SCALE	1"=50'	V-SCALE	N/A	DATE	06/16/22	DESIGNED BY	QNL	QNL
	DRAWN BY		CHECKED BY						
	SHEET	4	OF	11					
JOB NO.		25175.01							



LEGEND

STRAW BALE BARRIER	(STB)	
CHECK DAM	(CD)	
CONSTRUCTION FENCE	(CF)	
CONCRETE WASHOUT AREA	(CWA)	
INLET PROTECTION	(IP)	
LIMITS OF CONSTRUCTION/DISTURBANCE	(LOC)	
OUTLET PROTECTION	(OP)	
PERMANENT SEEDING & MULCHING	(PS MU)	
SEDIMENT BASIN	(SB)	
SILT FENCE	(SF)	
STABILIZED STAGING AREA	(SSA)	
TEMPORARY STOCK PILE	(TSP)	
TEMPORARY SWALE	(TSW)	
VEHICLE TRACKING CONTROL	(VTC)	
EROSION CONTROL BLANKET	(ECB)	
TURF REINFORCEMENT MAT	(TRM)	
ROUGH CUT STREET CONTROL	(RCS)	
SEDIMENT CONTROL LOG (WATTLE)	(SCL)	
CUT AND FILL LINE		
PROPOSED DRAINAGE ARROW		
EXISTING DRAINAGE ARROW		

BMP PHASING

INITIAL (FALL 2022):

1. INSTALL VTC
2. INSTALL CWA
3. ESTABLISH SSA
4. INSTALL CONSTRUCTION FENCE
5. INSTALL SILT FENCE
6. INSTALL ROUGH CUT STREET CONTROL
7. INSTALL SEDIMENT BASINS
8. INSTALL TEMPORARY SWALES
9. INSTALL CHECK DAMS

INTERIM (FALL 2022):

1. LOCATE/INSTALL TEMPORARY STOCKPILE
2. MAINTAIN ALL BMP'S
3. INSTALL INLET AND OUTLET PROTECTION
4. INSTALL EROSION CONTROL BLANKETS

FINAL (SPRING 2023):

1. INSTALL MULCH AND PERMANENT SEEDING IN ALL DISTURBED AREAS
2. REMOVE ALL TEMPORARY BMP'S AFTER FINAL STABILIZATION HAS BEEN REACHED.

FINAL STABILIZATION ANTICIPATED TBD.

NOTES

1. EXISTING VEGETATION ON THE PROJECT SITE CONSISTS OF SPARSE GRASS.
2. THE PROJECT SITE IS OUTSIDE OF THE 100-YEAR FLOODPLAIN PER FEMA FIRM MAP NUMBER 08041C0278G, REVISED DECEMBER 7, 2018.
3. THE MAXIMUM PROPOSED GRADE ON THE PROJECT SITE IS 3:1, WHICH COMPLIES WITH THE SOILS REPORT, PERFORMED BY ENTECH ENGINEERING, INC. DATED APRIL 7, 2020.
4. THERE ARE NO DEDICATED ASPHALT OR CONCRETE BATCH PLANTS PROPOSED AS PART OF THIS PROJECT.
5. DEWATERING OPERATIONS ARE NOT ANTICIPATED FOR THIS PROJECT.
6. THERE ARE NO OFFSITE STORMWATER CONTROL MEASURES UNDER THE DIRECT CONTROL OR OWNERSHIP OF THE OWNER OR OPERATOR PROPOSED AS PART OF THIS PROJECT.
7. ALL SLOPES 3:1 OR GREATER REQUIRE EROSION CONTROL BLANKET.
8. REFER TO SHEET 3 FOR TYPICAL SECTIONS FOR PROPOSED ROADS AND SWALES.

50 25 0 50
ORIGINAL SCALE: 1" = 50'



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LATIGO PRESERVE FILING 9

GRADING AND EROSION
CONTROL PLAN

SHEET 5 OF 11

JOB NO. 25175.01

PREPARED FOR

BRUM, LLC
101 N. CASCADE, SUITE 200
COLORADO SPRINGS, CO 80903
ATTN: BOB IRWIN
P~(719)-475-7474

J.R. ENGINEERING
A Western Company
Central 303-740-9888 • Colorado Springs 719-583-2583
Fort Collins 970-491-9888 • www.jrengineering.com

BY DATE

No. REVISION

1"=50'

V-SCALE N/A

DATE 06/16/22

DESIGNED BY QNL

DRAWN BY QNL

CHECKED BY

BMP PHASING

INITIAL (FALL 2022):

1. INSTALL VTC
2. INSTALL CWA
3. ESTABLISH SSA
4. INSTALL CONSTRUCTION FENCE
5. INSTALL SILT FENCE
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INTERIM (FALL 2022):

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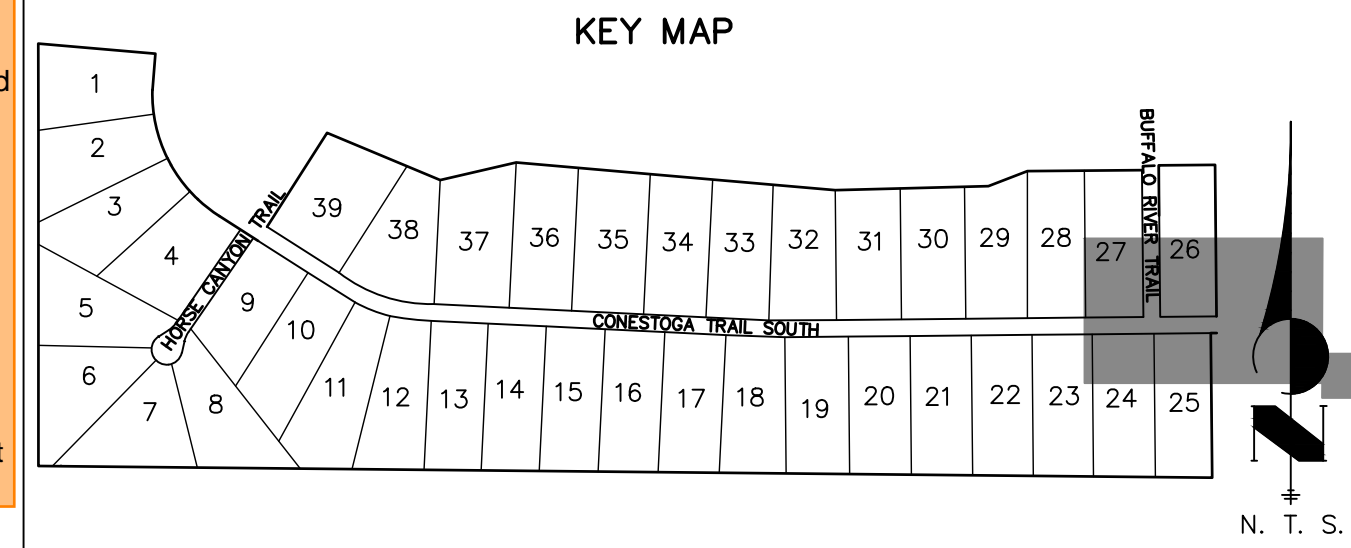
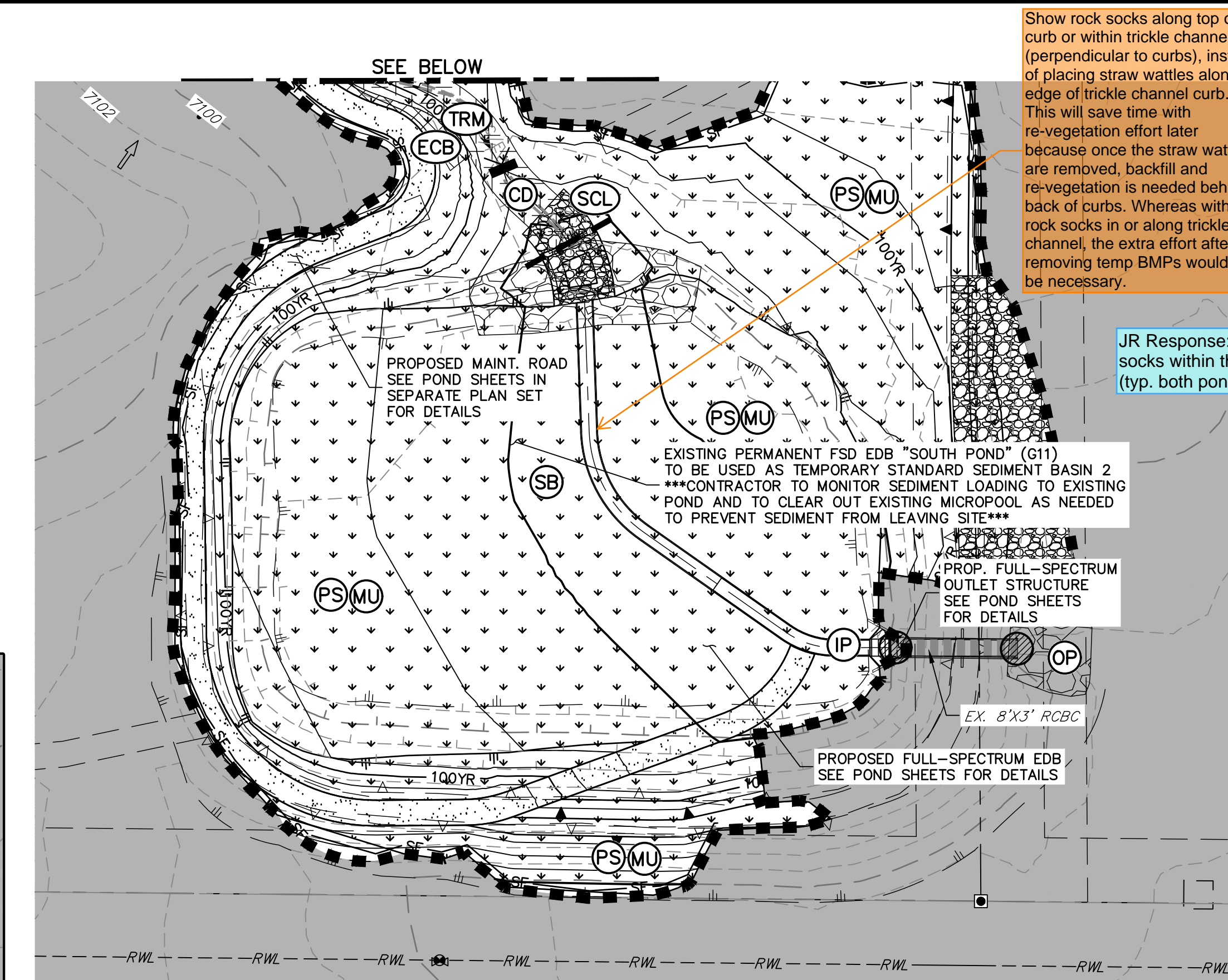
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FINAL STABILIZATION ANTICIPATED TBD.

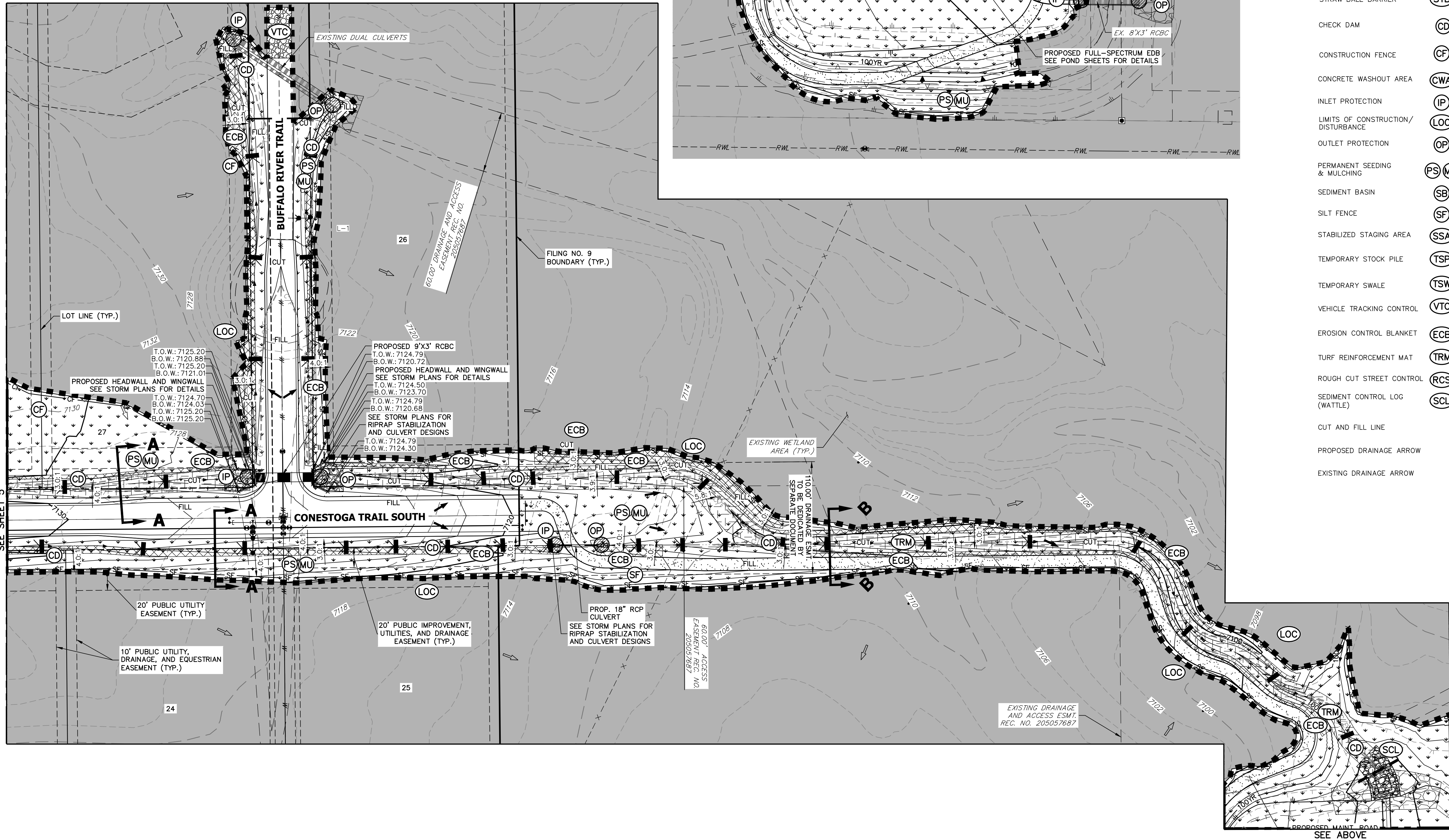
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LEGEND

STRAW BALE BARRIER	(STB)	
CHECK DAM	(CD)	
CONSTRUCTION FENCE	(CF)	
CONCRETE WASHOUT AREA	(CWA)	
INLET PROTECTION	(IP)	
LIMITS OF CONSTRUCTION/DISTURBANCE	(LOC)	
OUTLET PROTECTION	(OP)	
PERMANENT SEEDING & MULCHING	(PS MU)	
SEDIMENT BASIN	(SB)	
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CUT AND FILL LINE		
PROPOSED DRAINAGE ARROW		
EXISTING DRAINAGE ARROW		



UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, OR ENGINEERING APPROVES THEIR USE, THESE DRAWINGS ARE DESIGNATED BY WRITTEN AUTHORIZATION.

PREPARED FOR
BRUM, LLC
101 N. CASCADE, SUITE 200
COLORADO SPRINGS, CO 80903
ATTN: BOB IRWIN
P~(719)-475-7474

J.R. ENGINEERING
A Western Company
Central 303-740-9383 • Colorado Springs 719-583-2593
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No.	REVISION	BY	DATE	H-SCALE	1"=50'	V-SCALE	N/A	DATE	06/16/22	DESIGNED BY	QNL	DRAWN BY	QNL	CHECKED BY	QNL
LATIGO PRESERVE FILING 9															
GRADING AND EROSION CONTROL PLAN															
SHEET 6 OF 11															
JOB NO. 25175.01															

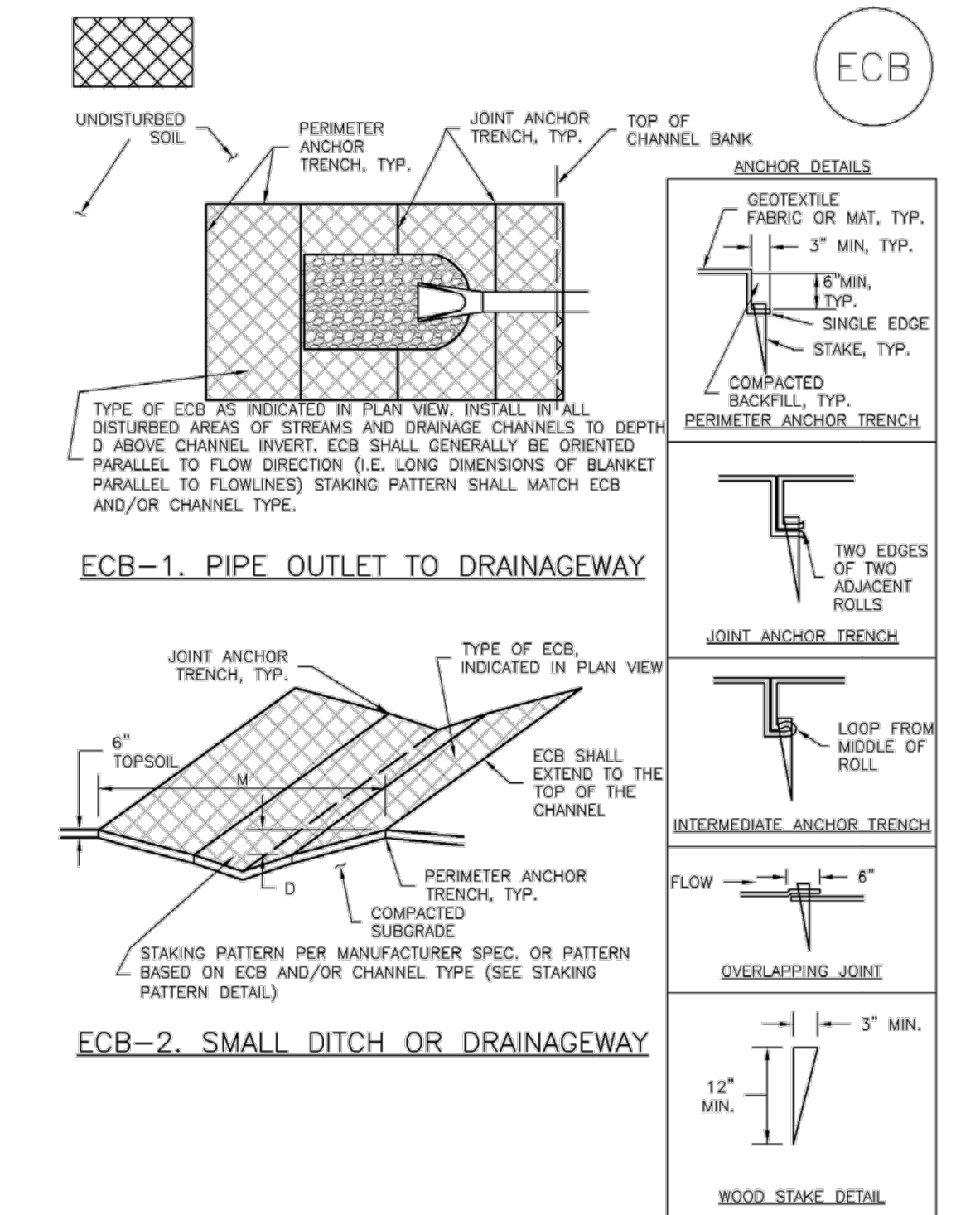
The diagram illustrates the CF-1 Plastic Mesh Construction Fence. It includes a side view showing the fence structure with labels for 'STUDDED STEEL TEE POST', 'EXISTING GRADE', '10' MAX SPACING', 'ORANGE RESINET CONSTRUCTION FENCE OR APPROVED EQUAL', and 'PLASTIC CAP, TYP.'. Dimensions include a height of '5' MIN.' from the ground to the top of the mesh, '1' MIN.' for the base of the post, and '4' MIN.' for the height of the post above the mesh. A plan view at the top shows the spacing between posts as 'CF - CF - CF'. A circular callout provides a detail of the 'PLASTIC CAP, TYP.'.

CF-1. PLASTIC MESH CONSTRUCTION FENCE

CONSTRUCTION FENCE INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
-LOCATION OF CONSTRUCTION FENCE.
2. CONSTRUCTION FENCE SHOWN SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
3. CONSTRUCTION FENCE SHALL BE COMPOSED OF ORANGE, CONTRACTOR-GRADE MATERIAL THAT IS AT LEAST 4' HIGH. METAL POSTS SHOULD HAVE A PLASTIC CAP, IF AVAILABLE.
4. STUDDED STEEL TEE POSTS SHALL BE UTILIZED TO SUPPORT THE CONSTRUCTION FENCE. MAXIMUM SPACING FOR STEEL TEE POSTS SHALL BE 10'.
5. CONSTRUCTION FENCE SHALL BE SECURELY FASTENED TO THE TOP, MIDDLE, AND BOTTOM OF EACH POST.

EC-6 Rolled Erosion Control Products (RECP)



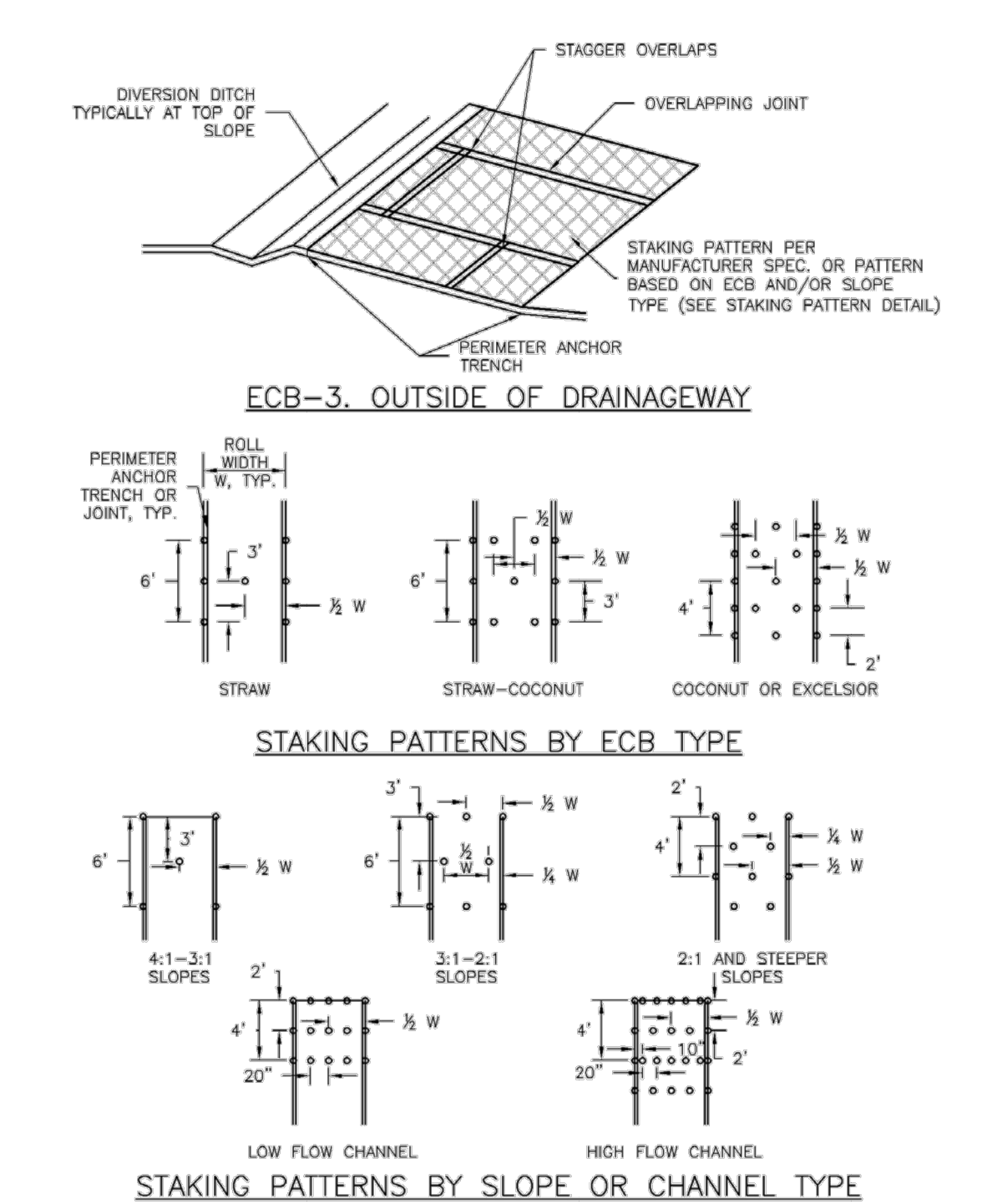
CONSTRUCTION FENCE MAINTENANCE NOTES

1. INSPECT BMPs EACH WORKDAY, AND MAINTAIN THEM IN EFFECTIVE OPERATING CONDITION. MAINTENANCE OF BMPs SHOULD BE PROACTIVE, NOT REACTIVE. INSPECT BMPs AS SOON AS POSSIBLE (AND ALWAYS WITHIN 24 HOURS) FOLLOWING A STORM THAT CAUSES SURFACE EROSION, AND PERFORM NECESSARY MAINTENANCE.
2. FREQUENT OBSERVATIONS AND MAINTENANCE ARE NECESSARY TO MAINTAIN BMPs IN EFFECTIVE OPERATING CONDITION. INSPECTIONS AND CORRECTIVE MEASURES SHOULD BE DOCUMENTED THOROUGHLY.
3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
4. CONSTRUCTION FENCE SHALL BE REPAIRED OR REPLACED WHEN THERE ARE SIGNS OF DAMAGE SUCH AS RIPS OR SAGS. CONSTRUCTION FENCE IS TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND APPROVED BY THE LOCAL JURISDICTION.
5. WHEN CONSTRUCTION FENCES ARE REMOVED, ALL DISTURBED AREAS ASSOCIATED WITH THE INSTALLATION, MAINTENANCE, AND/OR REMOVAL OF THE FENCE SHALL BE COVERED WITH TOPSOIL, SEED AND MULCHED, OR OTHERWISE STABILIZED AS APPROVED BY LOCAL JURISDICTION.

NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UDFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

(DETAIL ADAPTED FROM TOWN OF PARKER, COLORADO, NOT AVAILABLE IN AUTOCAD)

Rolled Erosion Control Products (RECP) **EC-6**



The drawing consists of two parts: a plan view and a section view.

CONCRETE WASHOUT AREA PLAN

The plan view shows a rectangular area with a perimeter berm. The berm is 12" high and 24" wide. The area inside the berm is 8' x 8' MIN. The berm is 3:1 sloped. The area outside the berm is 25' MIN. wide. A concrete washout sign is located outside the berm. A vehicle tracking control area is shown with a 2% slope. The area is labeled "CONCRETE WASHOUT AREA PLAN".

SECTION A

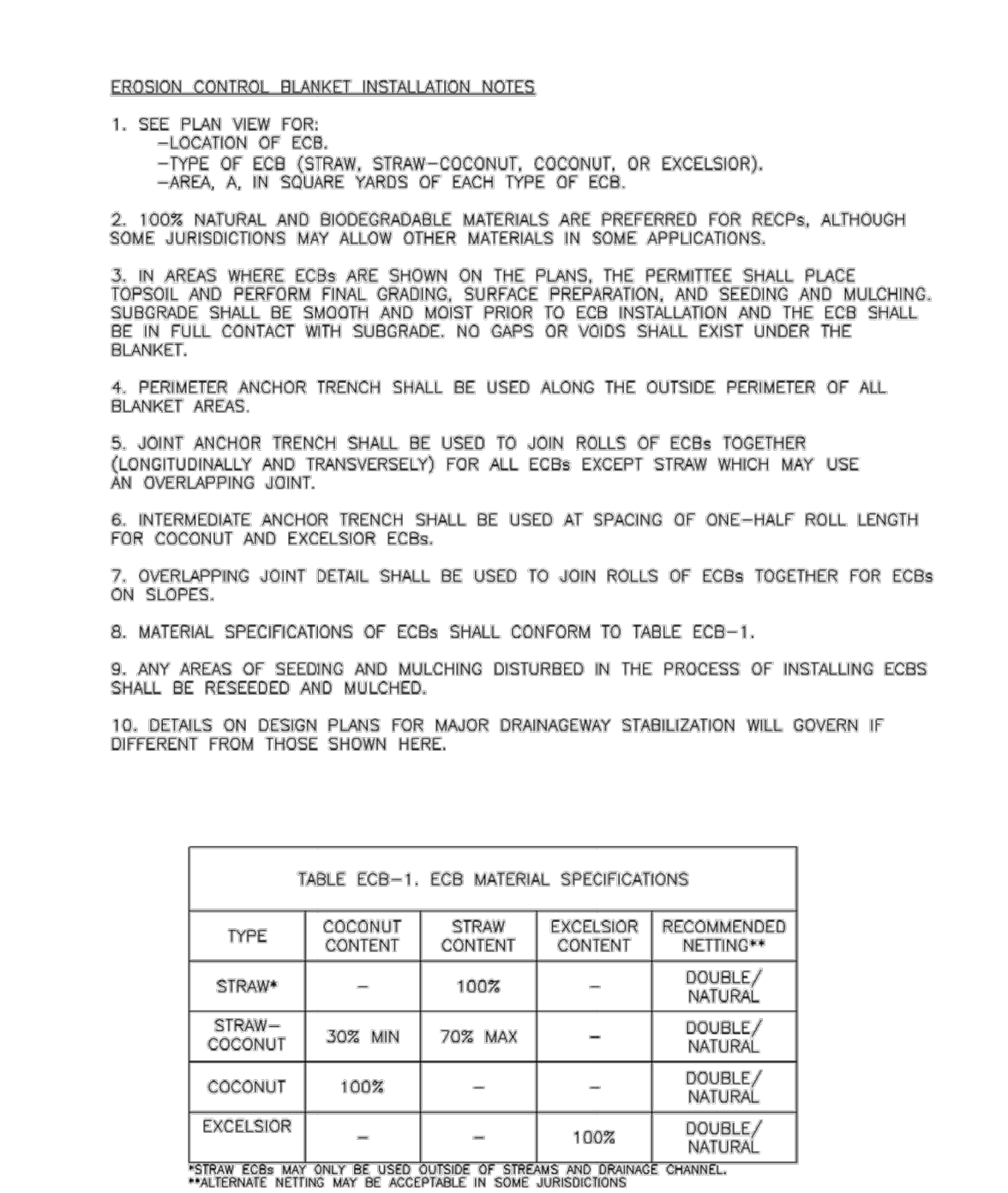
The section view shows a cross-section of the CWA. It shows the 12" high, 24" wide berm. The area inside the berm is 8' x 8' MIN. The berm is 3:1 sloped. The area outside the berm is 25' MIN. wide. A concrete washout sign is located outside the berm. A vehicle tracking control area is shown with a 2% slope. The area is labeled "SECTION A".

CWA-1. CONCRETE WASHOUT AREA

CWA INSTALLATION NOTES

- SEE PLAN VIEW FOR:
-CWA INSTALLATION LOCATION.
- DO NOT LOCATE AN UNLINED CWA WITHIN 400' OF ANY NATURAL DRAINAGE PATHWAY OR WATERBODY. DO NOT LOCATE WITHIN 1,000' OF ANY WELLS OR DRINKING WATER SOURCES. IF SITE CONSTRAINTS MAKE THIS INFEASIBLE, OR IF HIGHLY PERMEABLE SOILS EXIST ON SITE, THE CWA MUST BE INSTALLED WITH AN IMPERMEABLE LINER (16 MIL MIN. THICKNESS) OR STORAGE ALTERNATIVES USING PREFABRICATED CONCRETE WASHOUT DEVICES OR A LINED ABOVE GROUND STORAGE ARE SHOULD BE USED.
- THE CWA SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE.
- CWA SHALL INCLUDE A FLAT SUBSURFACE PIT THAT IS AT LEAST 6" BY 6" SLOPES LEADING OUT OF THE SUBSURFACE PIT SHALL BE 3:1 OR FLATTER. THE PIT SHALL BE AT LEAST 3' DEEP.
- BERM SURROUNDING SIDES AND BACK OF THE CWA SHALL HAVE MINIMUM HEIGHT OF 1'.
- VEHICLE TRACKING PAD SHALL BE SLOPED 2% TOWARDS THE CWA.
- SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CWA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CWA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.
- USE EXCAVATED MATERIAL FOR PERIMETER BERM CONSTRUCTION.

EC-6 Rolled Erosion Control Products (RECP)




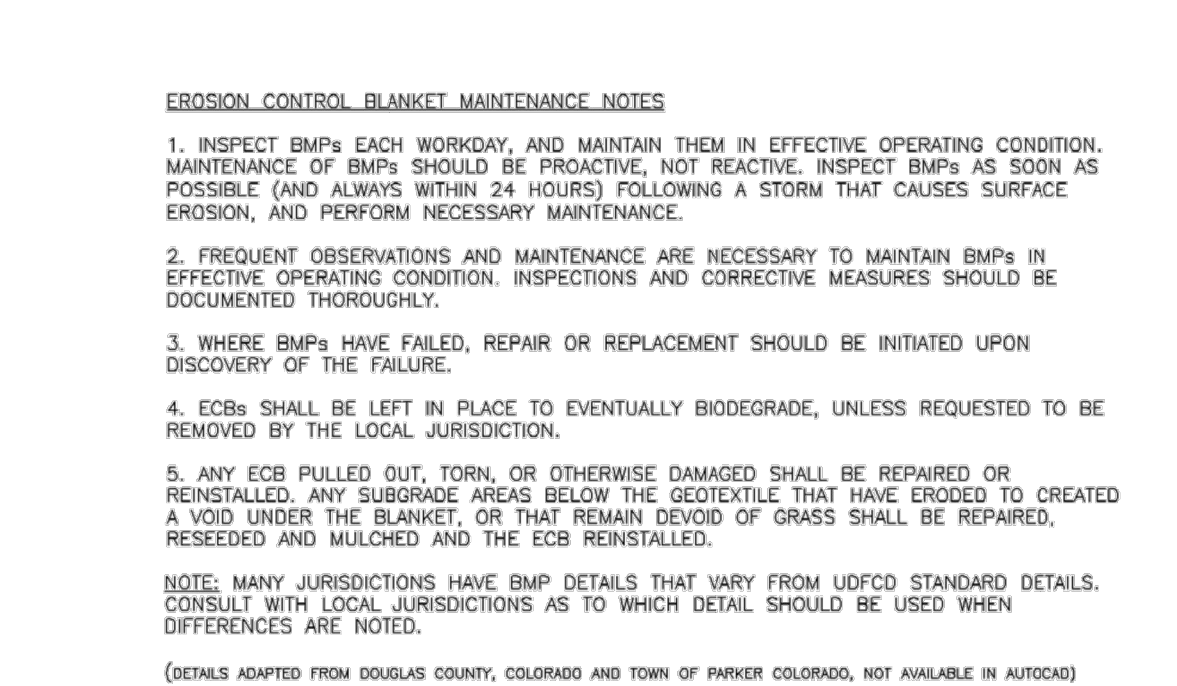
CWA MAINTENANCE NOTES

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3. WHERE BMPs HAVE FAILED, REPAIR OR REPLACEMENT SHOULD BE INITIATED UPON DISCOVERY OF THE FAILURE.
4. THE CWA SHALL BE REPAIRED, CLEANED, OR ENLARGED AS NECESSARY TO MAINTAIN EFFECTIVITY FOR CONCRETE WASTE, CONCRETE MATERIALS ACCUMULATED IN PIT, SHALL BE REMOVED ONCE THE MATERIALS HAVE REACHED A DEPTH OF 2".
5. CONCRETE WASHOUT WATER, WASTED PIECES OF CONCRETE AND ALL OTHER DEBRIS IN THE SUBSURFACE PIT SHALL BE TRANSPORTED FROM THE JOB SITE IN A WATER-TIGHT CONTAINER AND DISPOSED OF PROPERLY.
6. THE CWA SHALL REMAIN IN PLACE UNTIL ALL CONCRETE FOR THE PROJECT IS PLACED.
7. WHEN THE CWA IS REMOVED, COVER THE DISTURBED AREA WITH TOP SOIL, SEED AND MULCH OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE LOCAL JURISDICTION.

(DETAIL ADAPTED FROM DOUGLAS COUNTY, COLORADO AND THE CITY OF PARKER, COLORADO, NOT AVAILABLE IN AUTOCAD).

NOTE: MANY JURISDICTIONS HAVE BMP DETAILS THAT VARY FROM UFCD STANDARD DETAILS. CONSULT WITH LOCAL JURISDICTIONS AS TO WHICH DETAIL SHOULD BE USED WHEN DIFFERENCES ARE NOTED.

<u>Rolled Erosion Control Products (RECP)</u>	EC-
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**What's below.
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ENGINEER'S STATEMENT

STANDARD DETAILS SHOWN WERE REVIEWED ONLY AS TO THE APPLICATION ON THIS PROJECT

[Signature]

25043

BRYAN T. LAW, P.E.
COLORADO P.E. 25043
FOR AND ON BEHALF OF JR ENGINEERING, LLC

STATE

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, JR ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

PREPARED FOR
BRJM, LLC
101 N. CASCADE, SUITE 200
COLORADO SPRINGS, CO 80903
ATTN: BOB IRWIN
P~(719)-475-7474

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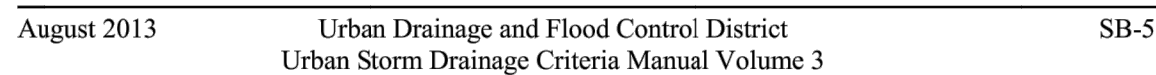
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No.	REVISION	BY	DATE

H-SCALE	N/A
V-SCALE	N/A
DATE	06/16/22
DESIGNED BY	RPD
DRAWN BY	RPD

SHEET	7	OF	11
LATIGO PRESERVE FILING 9			
GRADING AND EROSION CONTROL DETAILS			
SHEET 7 OF 11			
JOB NO.	25175.0		

SC-7



Silt Fence (SF)

SF-4 Urban Drainage and Flood Control District November 2010
 Urban Storm Drainage Criteria Manual Volume 3

Sediment Basin (SB)

SB-6
Urban Drainage and Flood Control District
Urban Storm Drainage Criteria Manual Volume 3
August 2013

SM-6

November 2010 Urban Drainage and Flood Control District SSA-3
Urban Storm Drainage Criteria Manual Volume 3

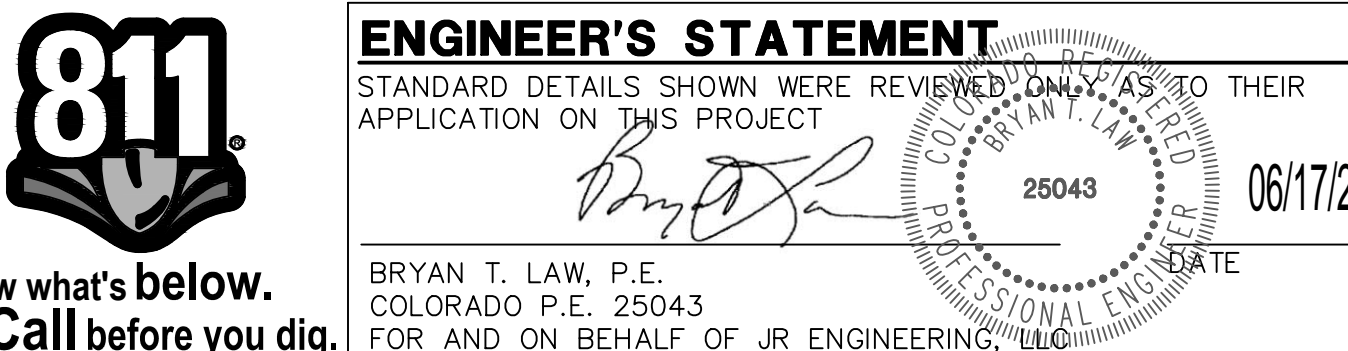
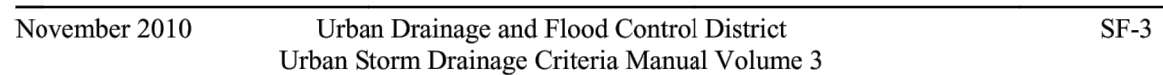
SC-7

August 2013
Urban Drainage and Flood Control District
Urban Storm Drainage Criteria Manual Volume 3
SB-7

Stabilized Staging Area (SSA)

SSA-4 Urban Drainage and Flood Control District November 2010
 Urban Storm Drainage Criteria Manual Volume 3

SC-1



9 OF 11

25175.01

EC-2 Temporary and Permanent Seeding (TS/PS)

Temporary and Permanent Seeding (TS/PS) EC-2

Table TS/PS-3. Seeding Dates for Annual and Perennial Grasses

	Annual Grasses (Numbers in table reference species in Table TS/PS-1)		Perennial Grasses	
Seeding Dates	Warm	Cool	Warm	Cool
January 1–March 15			✓	✓
March 16–April 30	4	1,2,3	✓	✓
May 1–May 15	4		✓	
May 16–June 30	4,5,6,7			
July 1–July 15	5,6,7			
July 16–August 31				
September 1–September 30		8,9,10,11		
October 1–December 31			✓	✓

Mulch

Cover seeded areas with mulch or an appropriate rolled erosion control product to promote establishment of vegetation. Anchor mulch by crimping, netting or use of a non-toxic tackifier. See the Mulching BMP Fact Sheet for additional guidance.

Maintenance and Removal

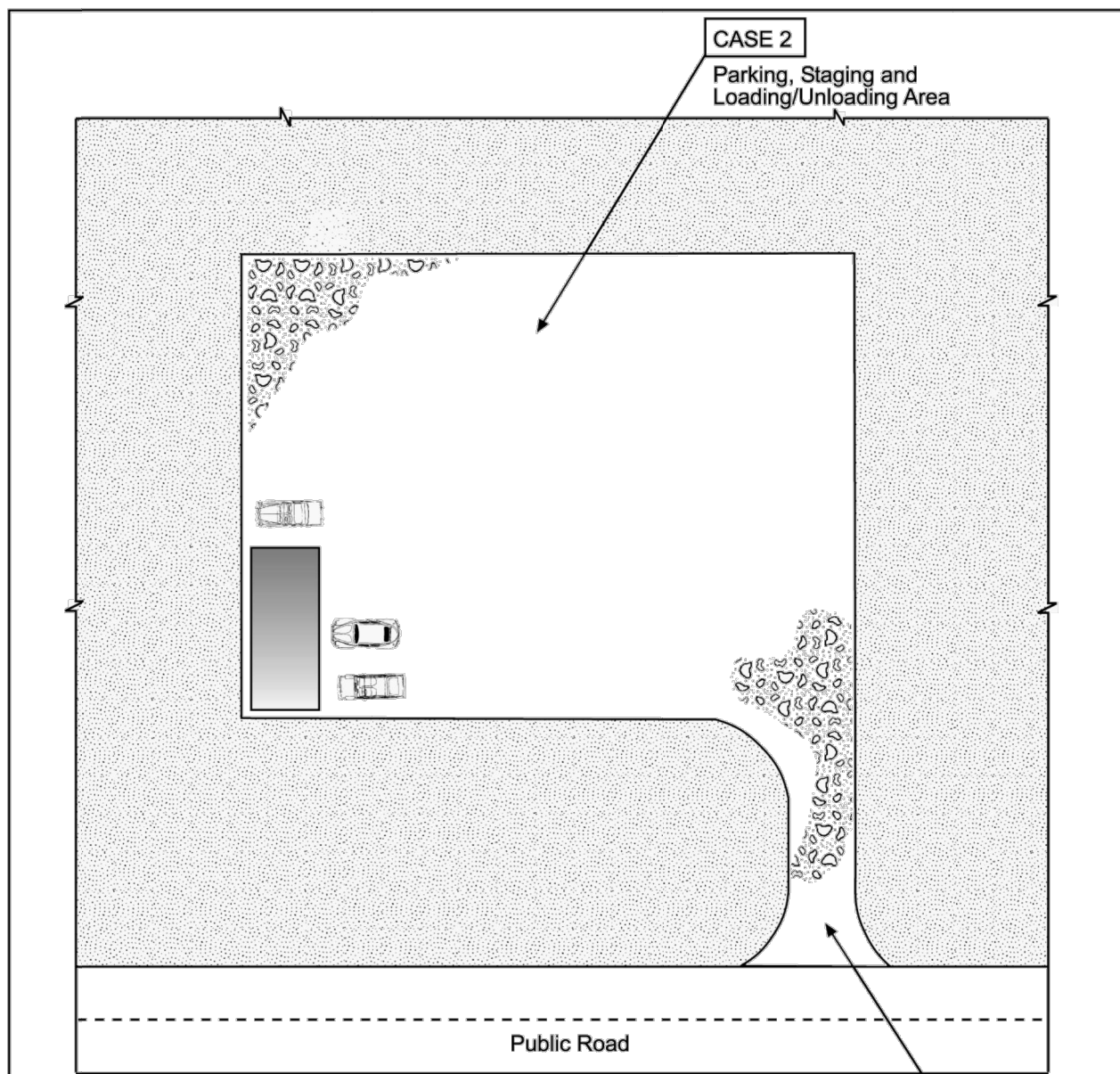
Monitor and observe seeded areas to identify areas of poor growth or areas that fail to germinate. Reseed and mulch these areas, as needed.

An area that has been permanently seeded should have a good stand of vegetation within one growing season if irrigated and within three growing seasons without irrigation in Colorado. Reseed portions of the site that fail to germinate or remain bare after the first growing season.

Seeded areas may require irrigation, particularly during extended dry periods. Targeted weed control may also be necessary.

Protect seeded areas from construction equipment and vehicle access.

TS/PS-6
Urban Drainage and Flood Control District
Urban Storm Drainage Criteria Manual Volume 3
June 2012

MM-2 **Stockpile Management (SM)**

	Case 1	Case 2
Gravel Thickness	9"	3"
Filter Fabric	YES	NO

City of Colorado Springs Storm Water Quality	Figure VT-1 Vehicle Tracking Application Examples
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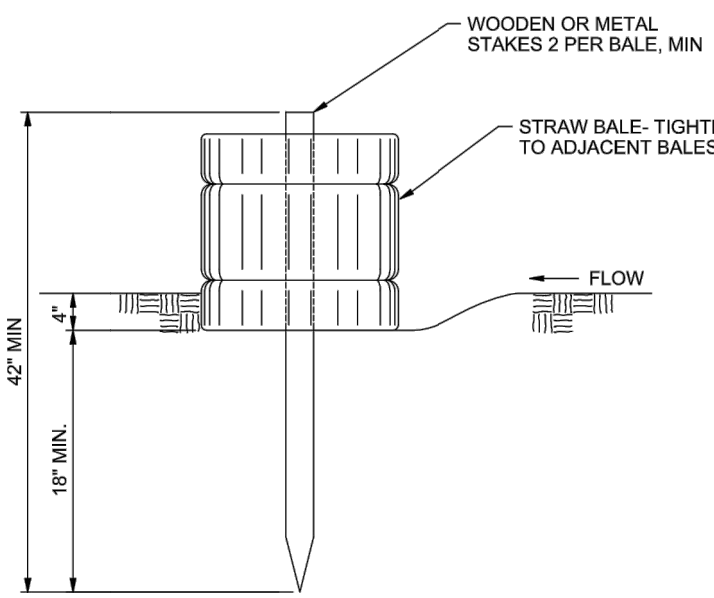
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DEN\M163722.CS.CB\FigVT-1/9-99 3-53

Stormwater Quality	Construction Detail and Maintenance Requirements
--------------------	--



STRAW BALE BARRIER

STRAW BALE BARRIER NOTES

INSTALLATION REQUIREMENTS

1. STRAW BALE BARRIERS SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES.
2. BALE SHALL CONSIST OF APPROXIMATELY 5' X 18" X 18" OR 5' X 16" X 16" OR 5' X 14" X 14" OR STRAW AND WEIGH NOT LESS THAN 35 POUNDS.
3. BALES ARE TO BE PLACED IN A SINGLE ROW WITH THE ENDS OF THE BALES TIGHTLY ABUTTING.
4. EACH BALE IS TO BE SECURELY ANCHORED WITH AT LEAST TWO STAKES AND THE FIRST STAKE SHALL BE OF THE FOLLOWING TYPE: 1. A 1/2" X 1/2" X 10' HARD PINE LINEAR FOOT. WOOD STAKES SHALL HAVE A MINIMUM DIAMETER OR CROSS SECTION DIMENSION OF 2 INCHES.
5. STAKES ARE TO BE A MINIMUM OF 42 INCHES LONG. METAL STAKES SHALL BE STANDARD 17" X 1/2" GALVANIZED STEEL OR 1 1/2" X 1/2" GALVANIZED STEEL.
6. BALES ARE TO BE BOUND WITH EITHER WIRE OR STRAPPING AND ORIENTED SUCH THAT THE BINDING IS VISIBLE TO THE PUBLIC. STAKES ARE NOT TO BE PLACED ON TOPS AND BOTTOMS OF THE BALE.
7. GAPS BETWEEN BALES ARE TO BE CHAINED OR STRAPPED TOGETHER TO PREVENT STRAW OR THE SAME MATERIAL OF THE BALE.
8. END BALES ARE TO EXTEND UPLOPE SO THE STRAPPED RUNOFF CANNOT FLOW AROUND THE END.

MAINTENANCE REQUIREMENTS

1. CONTRACTOR SHALL INSPECT STRAW BALE BARRIERS IMMEDIATELY AFTER EACH RAINFALL, AT LEAST DAILY DURING PROLONGED RAINFALL, AND WEEKLY DURING PERIODS NO RAINFALL.
2. DAMAGED OR INEFFECTIVE BARRIERS SHALL PROMPTLY BE REPAIRED, REPLACING BALES IF NECESSARY, AND UNRENTNERCHED BALES NEED TO BE REPAIRED WITH COMPACTED BACKFILL MATERIAL.
3. SEDIMENT SHALL BE REMOVED FROM BEHIND STRAW BALE BARRIERS WHEN IT ACCUMULATES TO APPROXIMATELY 1/2 THE HEIGHT OF THE BARRIER.
4. STRAW BALE BARRIERS SHALL BE REMOVED WHEN ADEQUATE VEGETATIVE COVER IS ATTAINED AS APPROVED BY THE CITY.

City of Colorado Springs
Stormwater Quality

Figure SBB-2 Straw Bale Barrier Construction Detail and Maintenance



Know what's below.
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ENGINEER'S STATEMENT

STANDARD DETAILS SHOWN WERE REVIEWED ONLY AS TO THEIR APPLICATION ON THIS PROJECT

250

BRYAN T. LAW, P.E.

COLORADO P.E. 25043
FOR AND ON BEHALF OF JR ENGINEERING, LLC

06/17/2022

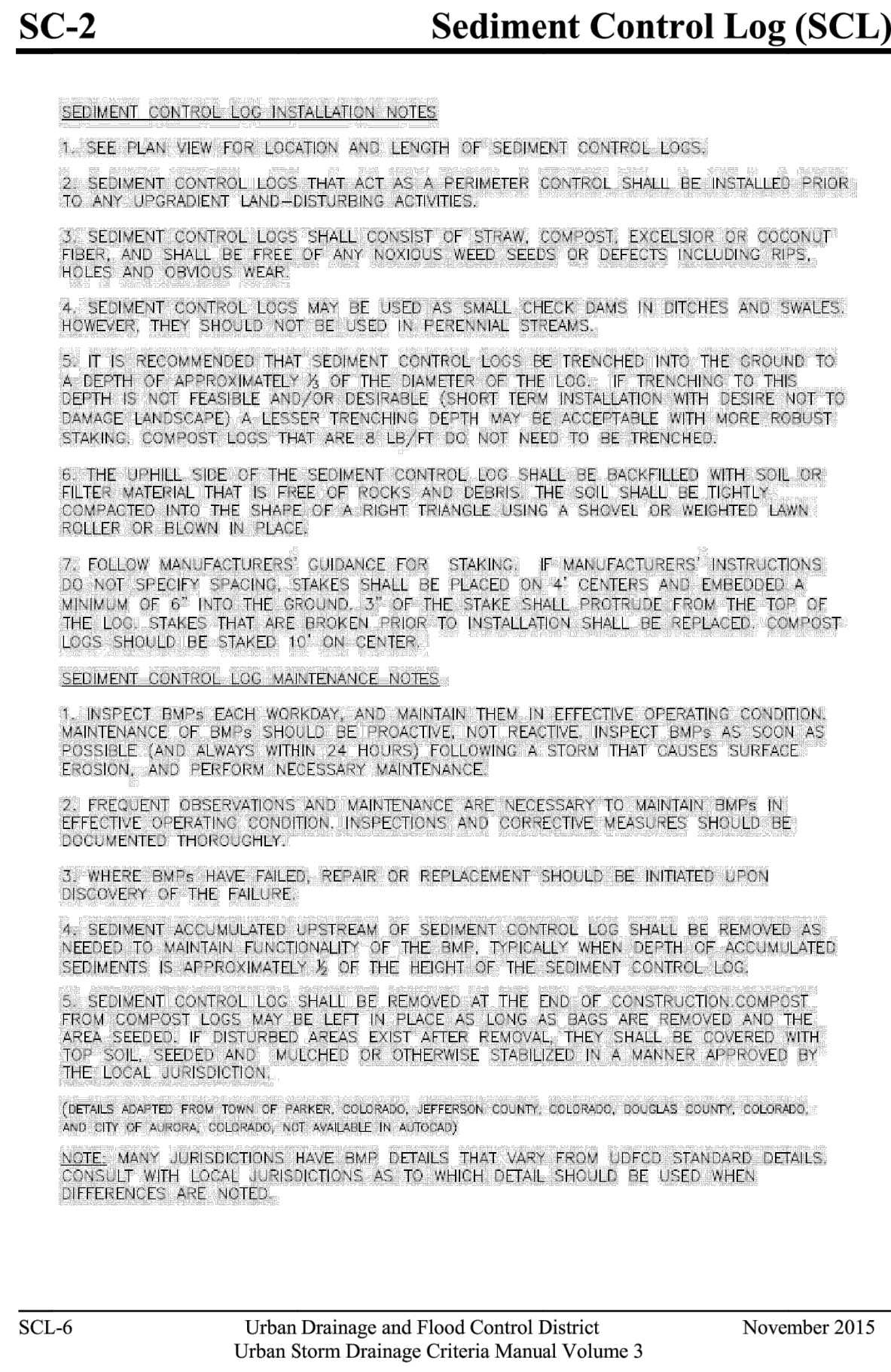
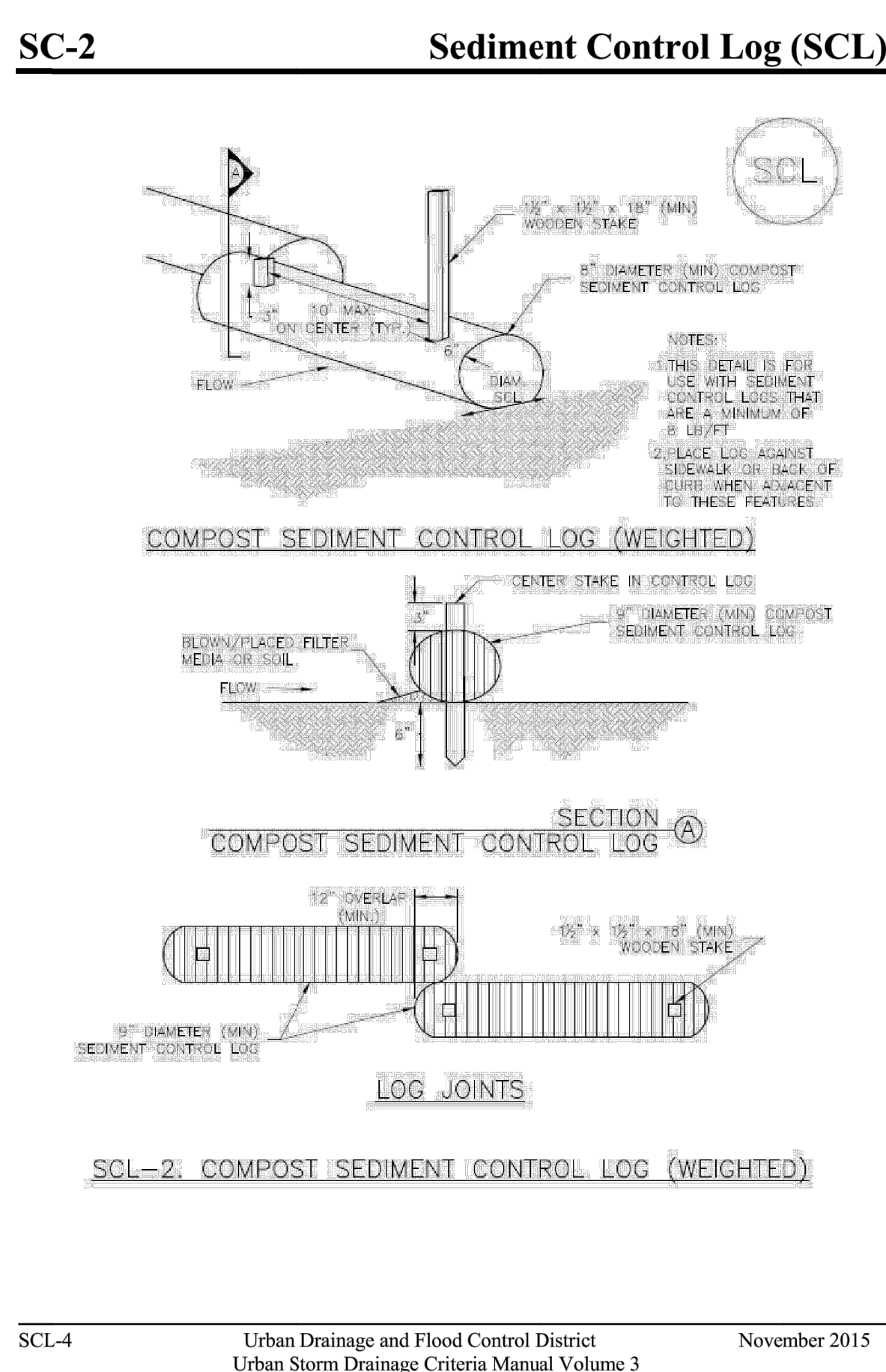
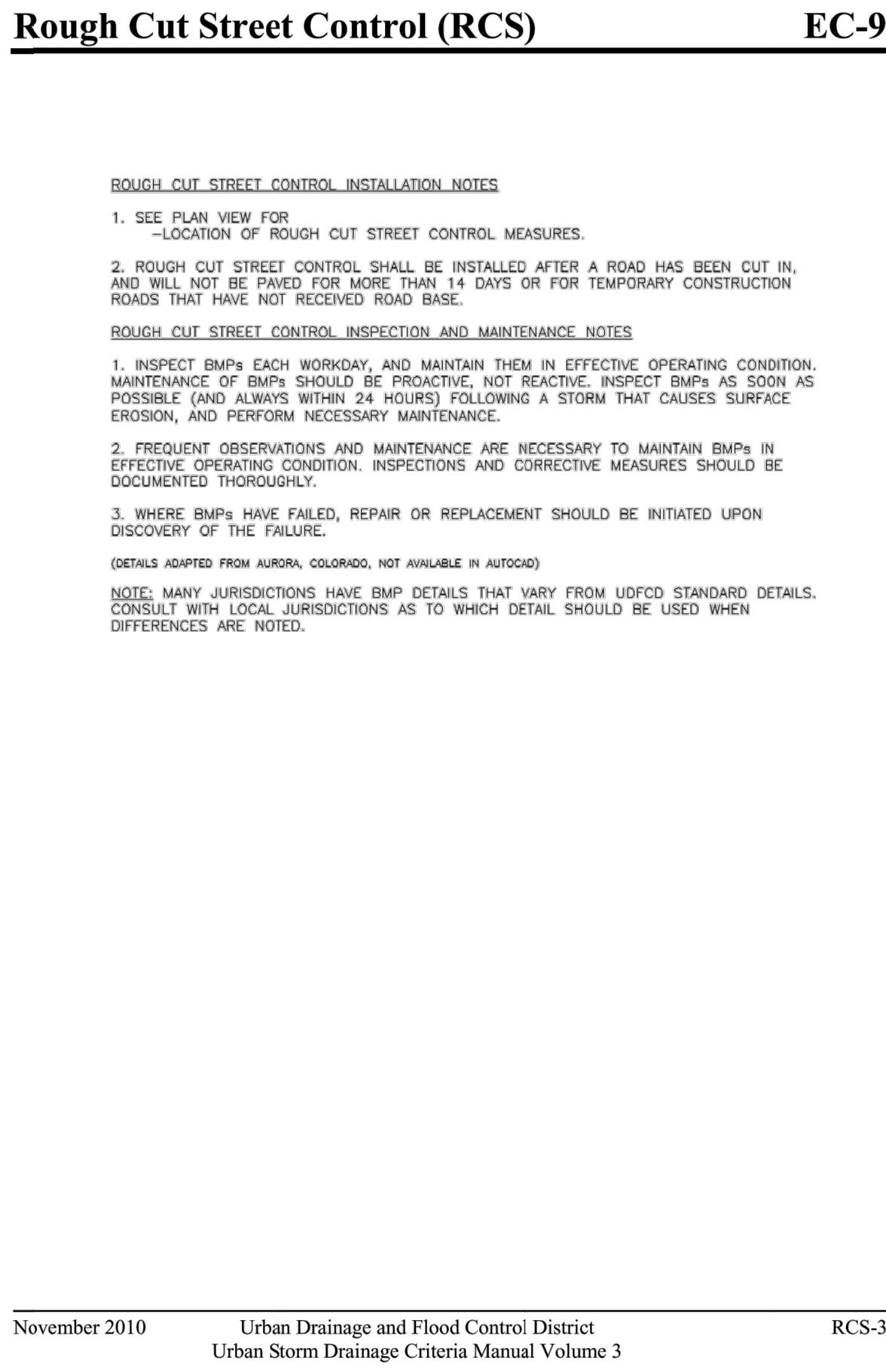
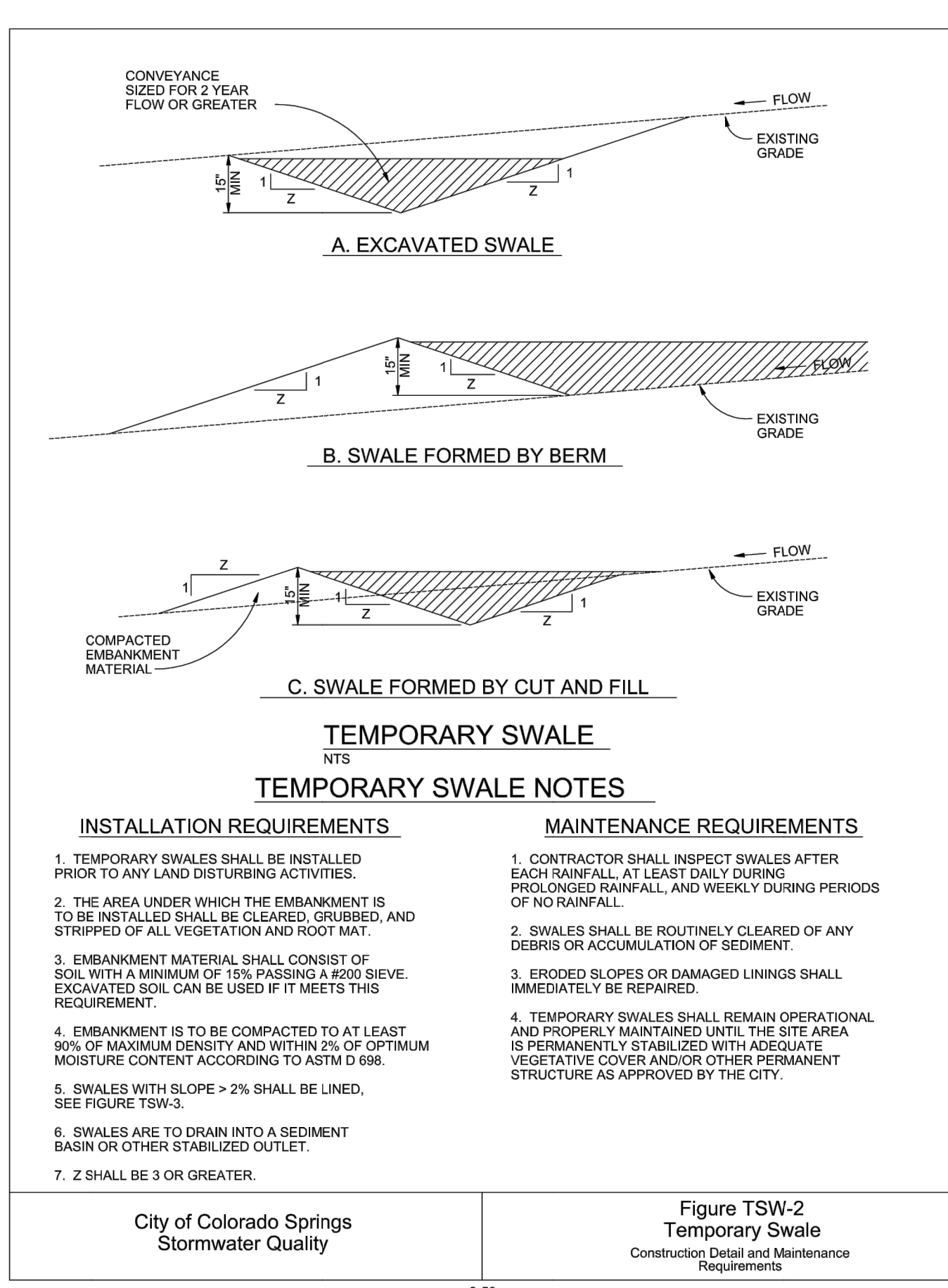
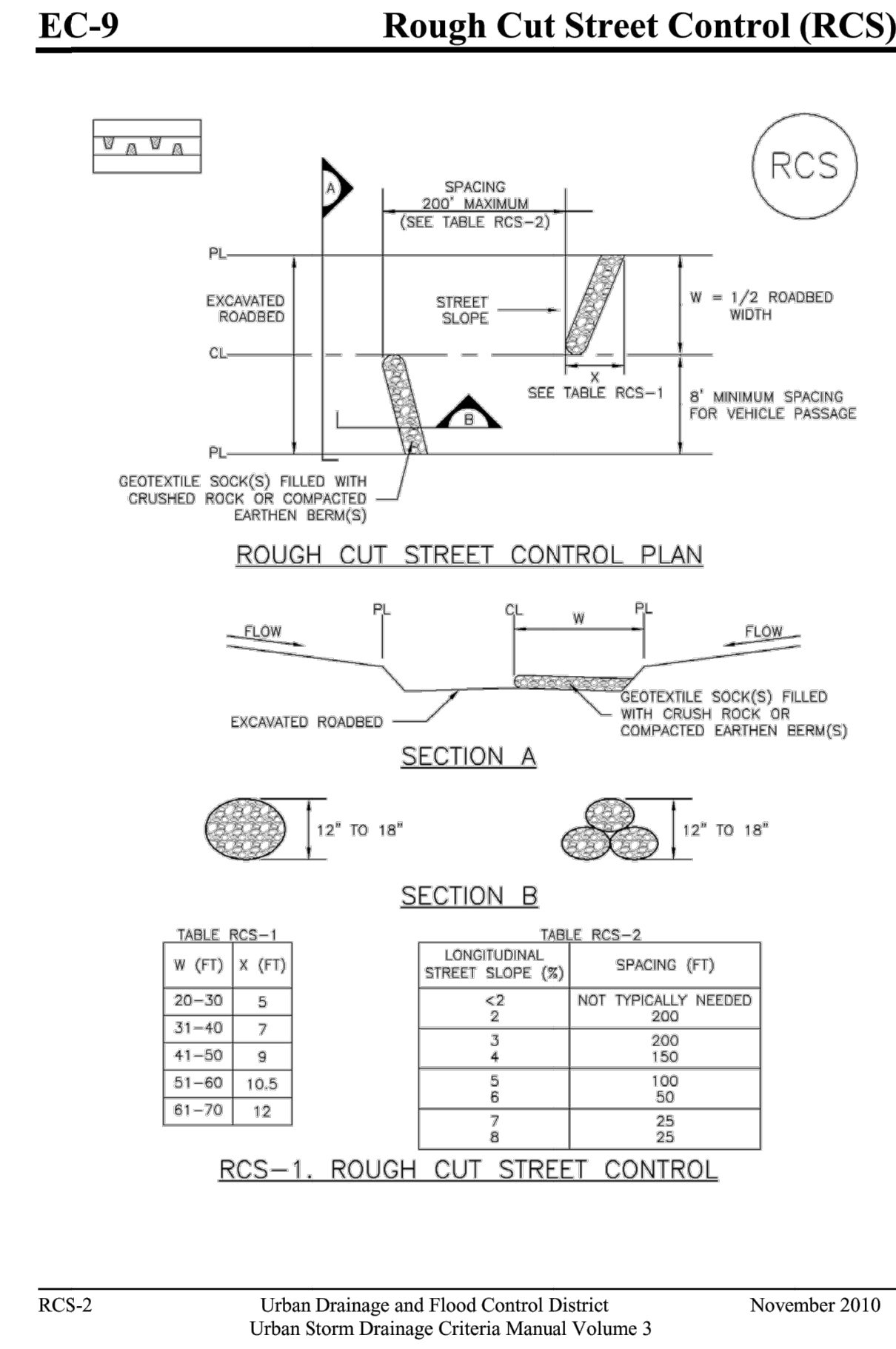
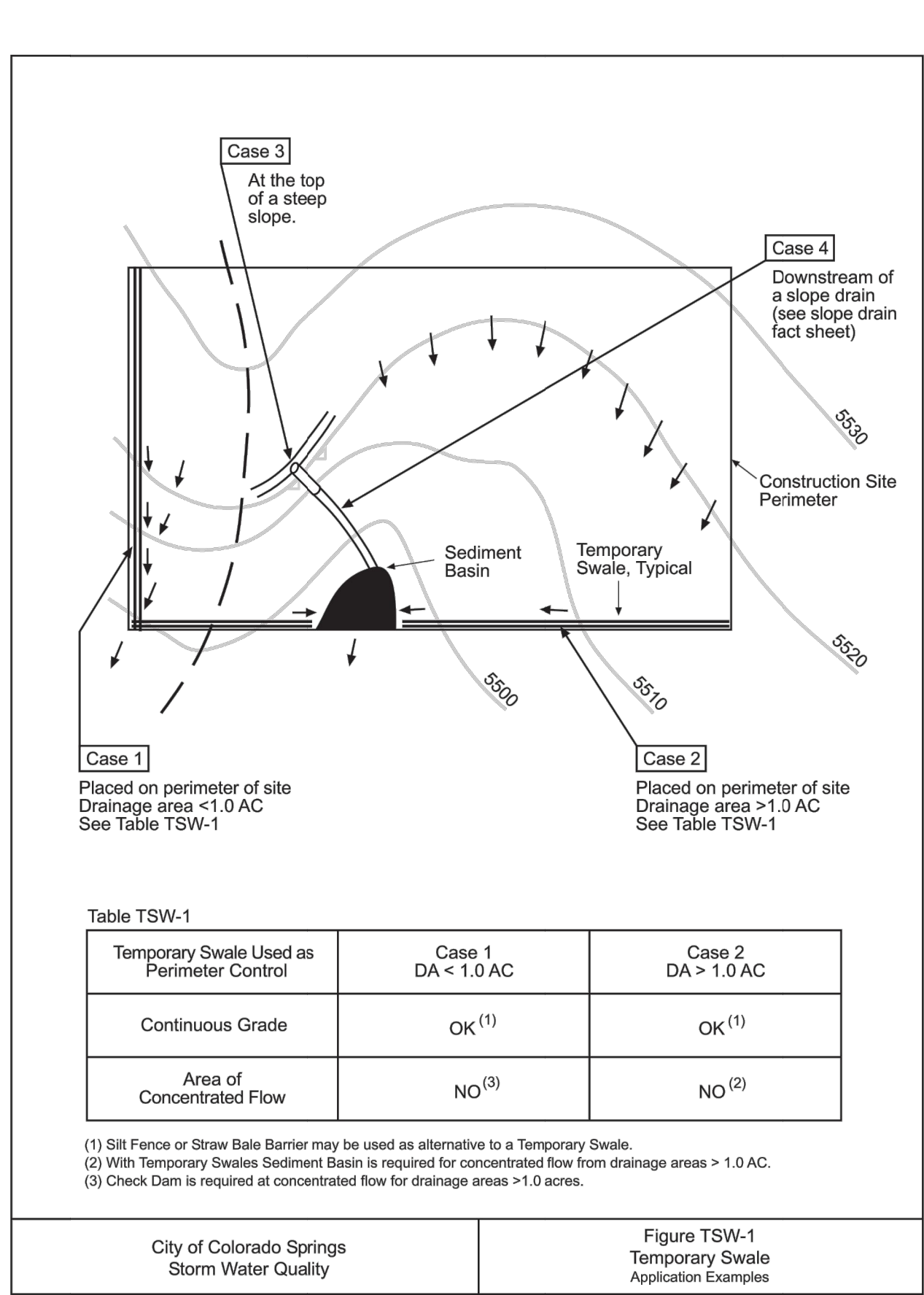
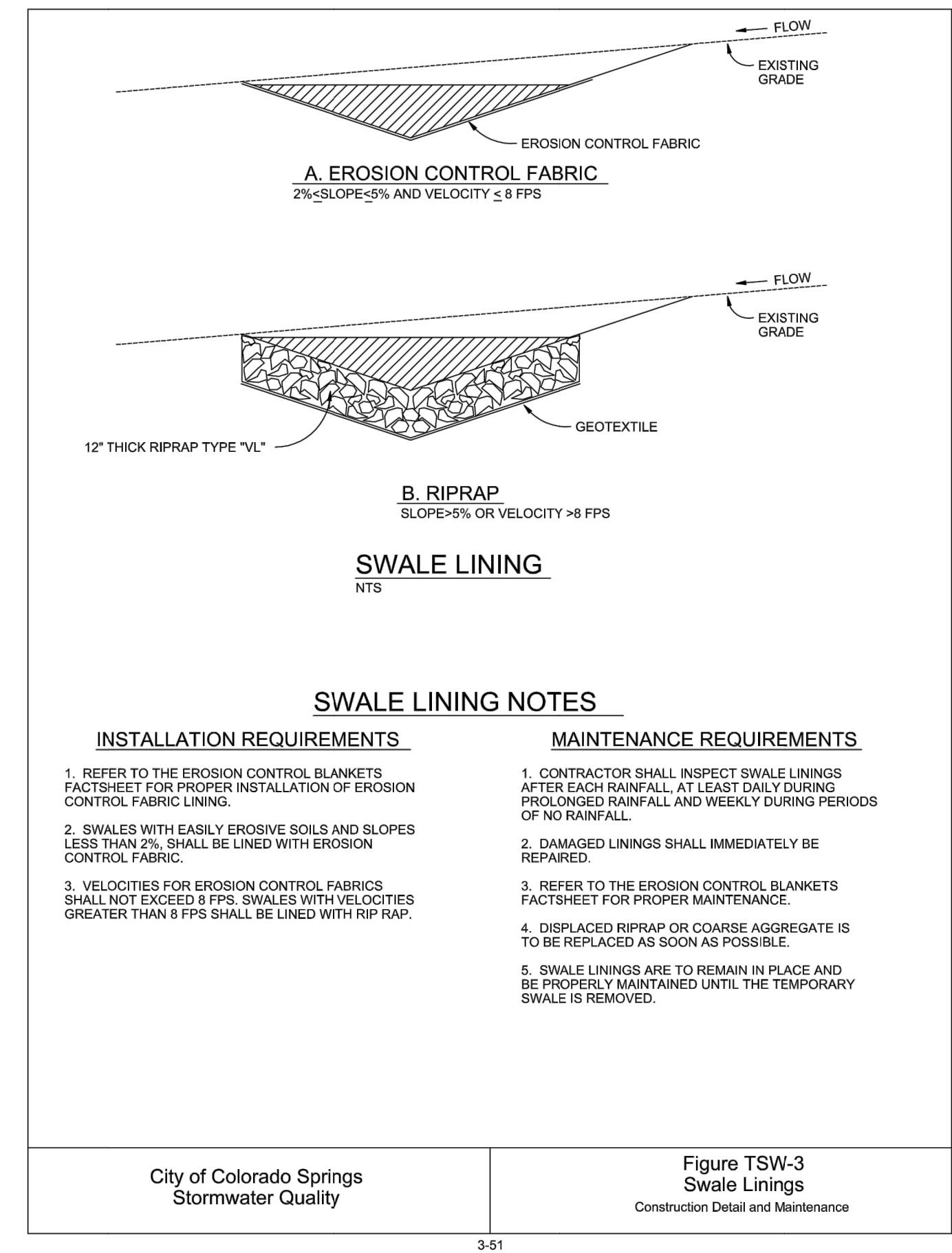
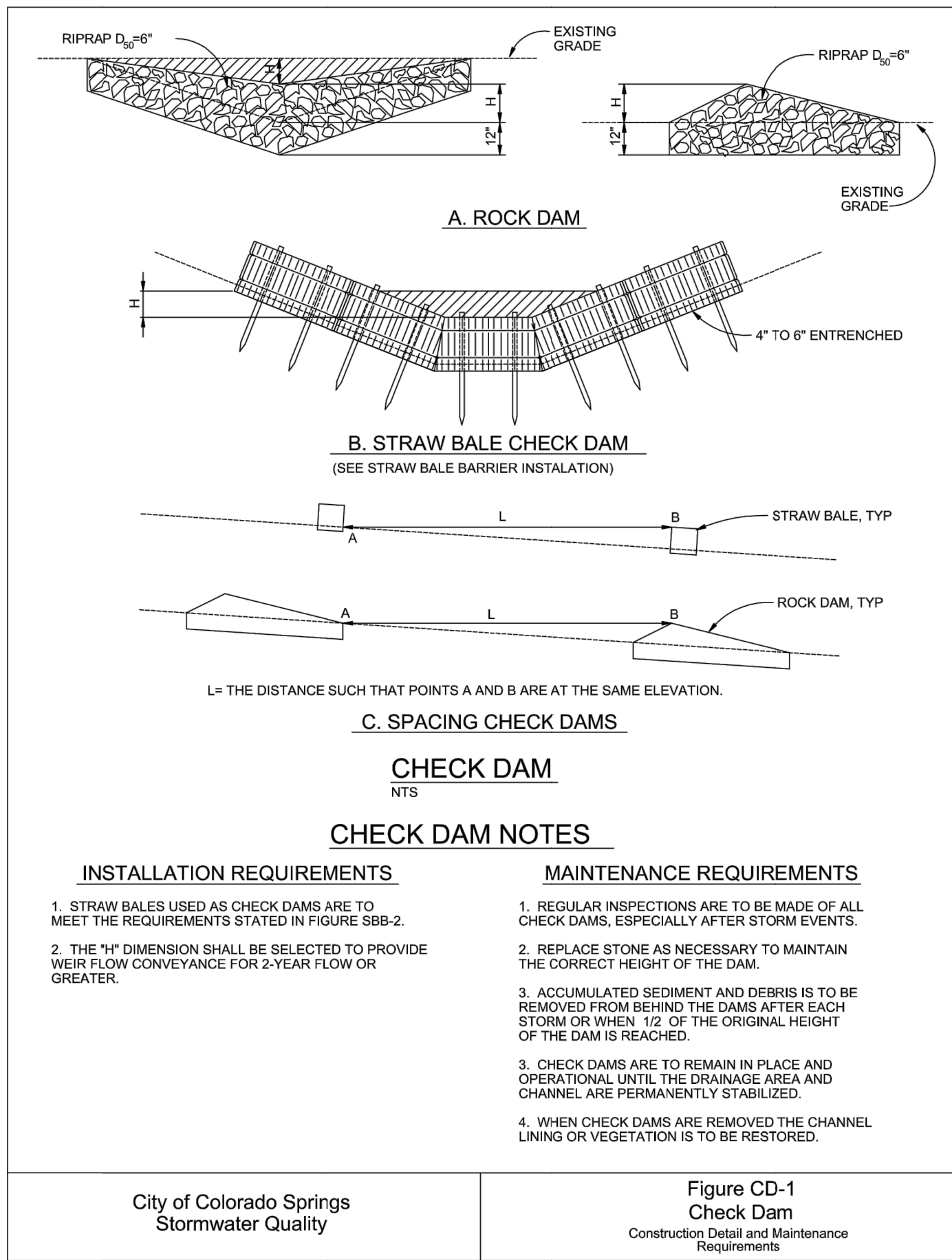
LATIGO PRESERVE FILING 9

GRADING AND EROSION CONTROL DETAILS

GEC PLANS

SHEET 10 OF 11

JOB NO. 25158.01



ENGINEER'S STATEMENT

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Bryan T. Law

25043

06/17/2022

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COLORADO P.E. 25043
FOR AND ON BEHALF OF JR ENGINEERING, LLC

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PREPARED FOR

BRJM, LLC
101 N. CASCADE, SUITE 200
COLORADO SPRINGS, CO 80903
ATTN: BOB IRWIN
P~ (719)-475-7474

J.R. ENGINEERING
A Western Company
Central 303-740-9383 • Colorado Springs 719-583-2583
Fort Collins 970-491-9888 • www.jrengineering.com

LATIGO PRESERVE FILING 9

GRADING AND EROSION CONTROL DETAILS

GEC PLANS

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